# COLOR TELEVISION

Chassis : KSBE(N)_Manaslu
Model : CL21Z43MLAXXAO

# SERVICE Manual

## COLOR TELEVISION



CL-21Z43ML

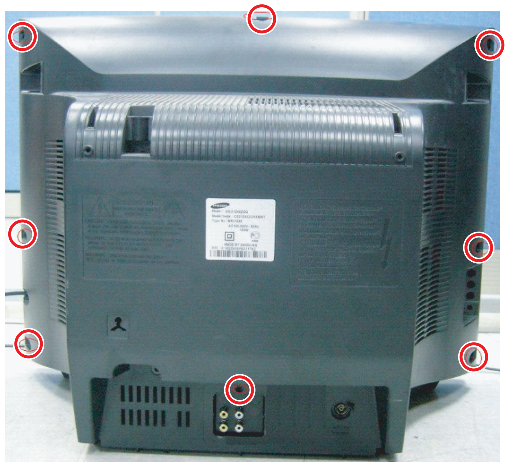
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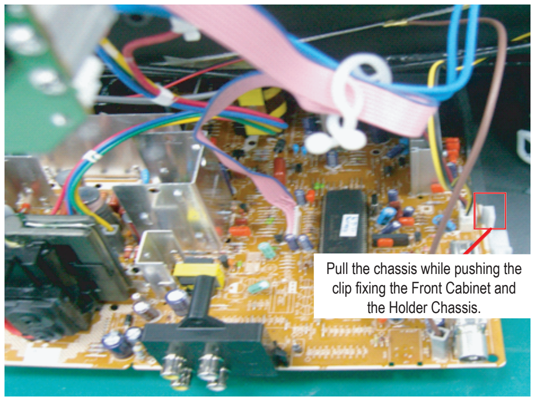
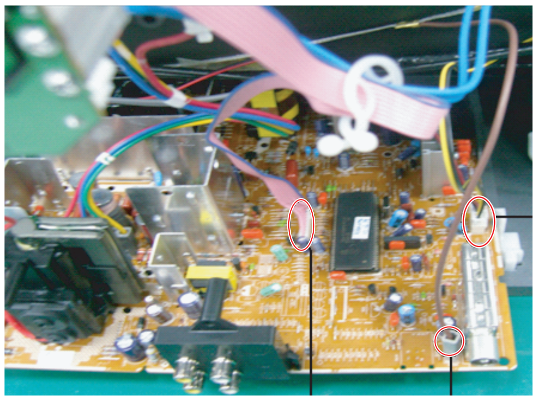
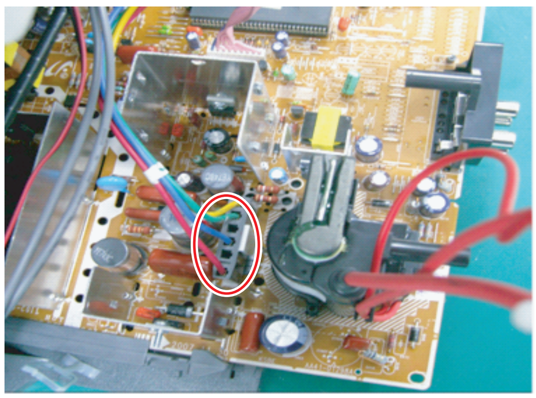
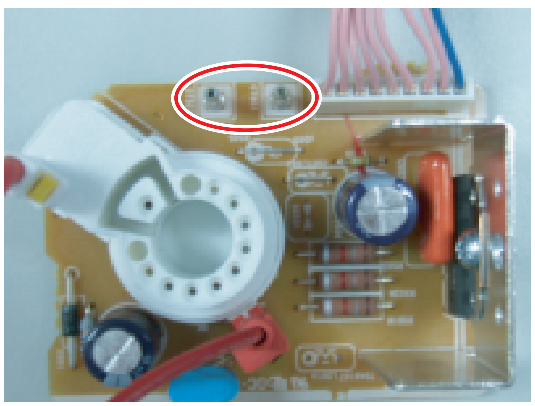
# 3. Disassembly & Reassembly

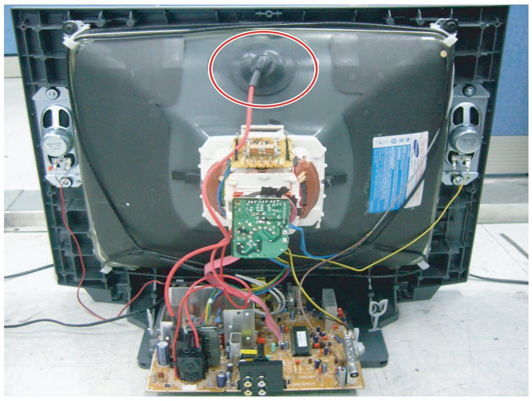
## 3-1 Overall Disassembly & Reassembly

### 3-1-1 Disassembling the Cabinet

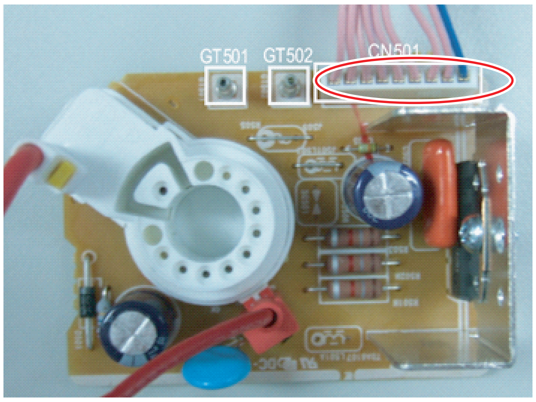
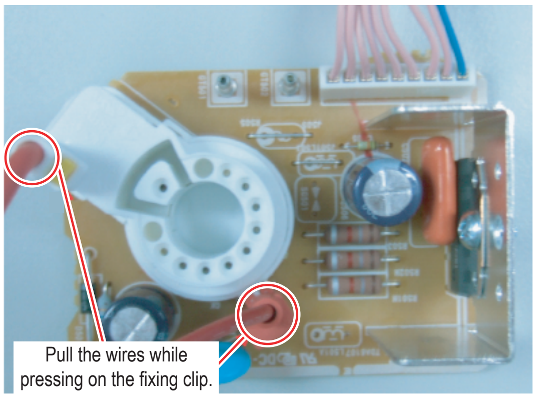
| Part Name | Description | Description Photo |
|---|---|---|
| Back Cover | ① Remove the 9 screws fixing the Back Cover & Terminal Board. : RH, +, M4, L15,ZPC(BLK), SWRCH18A<br><br>② Tap the Back Cover 2 or 3 times and pull the cover and remove it.<br><br>⚠ Since there is a danger of injury from the remaining current and of damaging the product due to static electricity, make sure to remove the power cord and wait for a moment so that the remaining current is discharged completely before disassembling the product. |   |

## 3-1-2 Disassembling the CRT and Chassis

| Part Name | Description | Description Photo |
|---|---|---|
| Chassis Holder | ① Separate the Ass'y Holder chassis from the Front Cabinet.<br>② Pull the Holder Chassis while pushing the catch up.<br>⚠ If you pull it with excessive power, it may cause damage to the catch or connector. Therefore, pull it until the catch is out of the hole. |  |
| | ① Separate the CRT connection, the TBC wire,and the the speaker connection.<br>⚠ Since there is a hinge fixing the Wire Connector and Connector Header, if the wire is pulled with excessive power, it may damage the catch or connector. Therefore, pull it only after pressing the hinge down completely. |  |
| | ① Separate the D-Coil, DY-Cable and power cord from the Front Cabinet and Main Board.<br>② Separate the power cord, DY-Cable by pushing the fixing catch to the side and pulling the wire up. |  |
| | ① Separate the CRT Ass'y from the CRT.<br>② Separate the TBC wire, GND cables from the CRT Ass'y sequentially. |  |

| Part Name | Description | Description Photo |
|---|---|---|
| Chassis Holder | ① Separate the cable connecting the FBT and CRT from the CRT.<br><br>⚠ Since a high voltage current resides inside the CRT, do not to touch the CRT hole with metal or your body when separating the cable. |  |

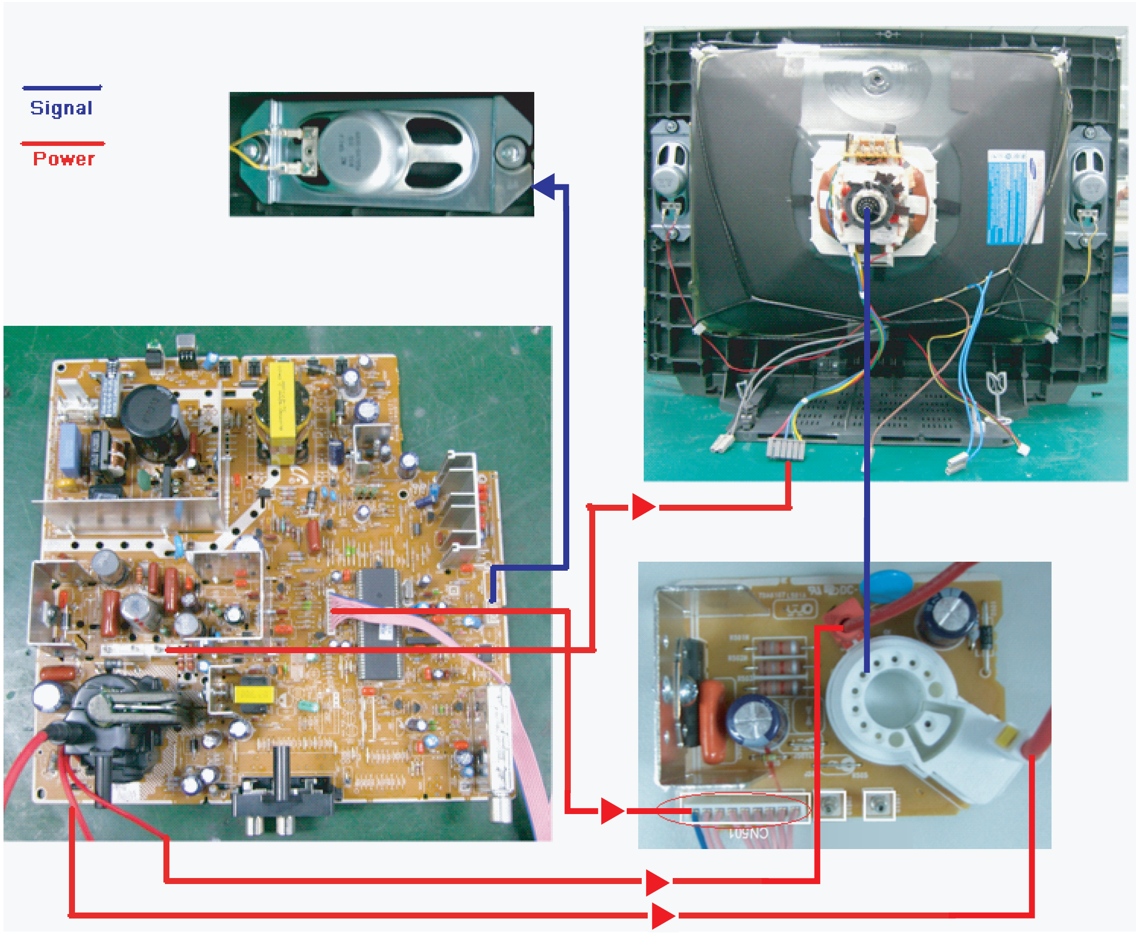
## 3-1-3 Disassembling the CRT Ass'y

| Part Name | Description | Description Photo |
|---|---|---|
| CRT Ass'y | ① Separate the cables connecting the Main Ass'y and the CRT Ass'y. |  |
| | ① Separate the wires from the FBT of the Main Board and the CRT Ass'y.<br><br>② To separate thick wire, pull the wires while pressing the push-type clip at the connector.<br><br>⚠ Take care when separating the wires because pulling the wires by force may damage the socket. In addition, separate the wires on a flat and clean surface so as to prevent scratching of the material and the PCB. |  |

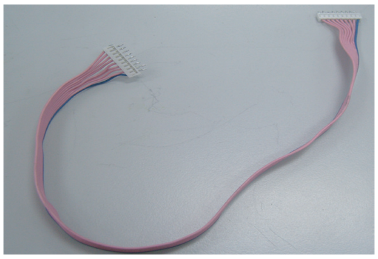
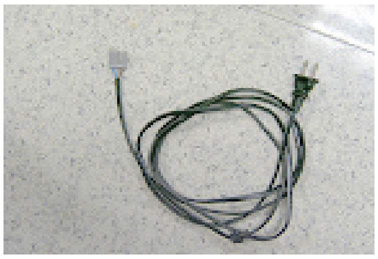
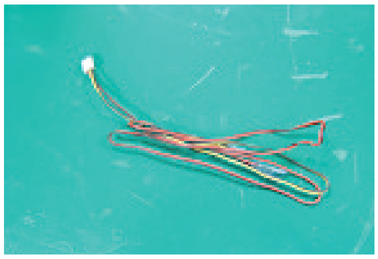
# MEMO

# 6. Wiring Diagram

## 6-1 Overall Wiring



※ The code number of cable(Lead-connector) can be changed, see “5. Exploded View & Part List.”

| Use | ①CRT Board↔Main Board | ② Power Code | ③ Speaker Wire |
|---|---|---|---|
| Code | AA39-20620B | AA96-20109B | AA96-04766A |
| Photo |  |  |  |

## 6-2 Pin Connection

**MAIN**

CN501A
TO CRT

| BK |
|---|
| GK |
| RK |
| GND |
| 12V |
| H/T |
| 200V |
| B+5V |

CN602
TO EARPHONE

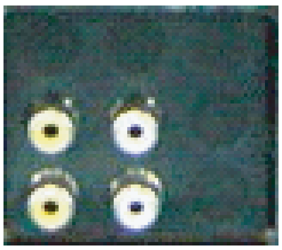
| R+ |
|---|
| R- |
| GND |
| L+ |
| L- |

CN601
TO SPK

| R+ |
|---|
| R- |
| L+ |
| L- |

CN702
TO AV

| GND | AV R | GND | AV L | GND | AV | GND |
|---|---|---|---|---|---|---|



T
U
N
E
R

**CRT**

| BK |
|---|
| GK |
| RK |
| GND |
| 12V |
| H/T |
| 200V |
| B+5V |

CN501

TO MAIN

## 6-2-1 Main Board Connector Pin

CN501A
CRT Board connection

| Pin No. | Pin Name |
| --- | --- |
| 1 | B |
| 2 | G |
| 3 | R |
| 4 | GND |
| 5 | 12V |
| 6 | GND |
| 7 | HEATER |
| 8 | 200V |
| 9 | B+5V |

CN701
Side-AV connection

| Pin No. | Pin Name |
| --- | --- |
| 1 | AV Video In |
| 2 | GND |
| 3 | AV L In |
| 4 | GND |
| 5 | AV R In |
| 6 | GND |

CN602
EARPHONE connection

| Pin No. | Pin Name |
| --- | --- |
| 1 | R+ |
| 2 | R- |
| 3 | GND |
| 4 | L+ |
| 5 | L- |

CN601
TO SPK

| Pin No. | Pin Name |
| --- | --- |
| 1 | R+ |
| 2 | R- |
| 3 | L+ |
| 4 | L- |

CN501
CRT Board connection

| Pin No. | Pin Name |
| --- | --- |
| 1 | BK |
| 2 | GK |
| 3 | RK |
| 4 | GND |
| 5 | 12V |
| 6 | H/T |
| 7 | 200V |
| 8 | B+5V |

### 6-2-2 Connector role

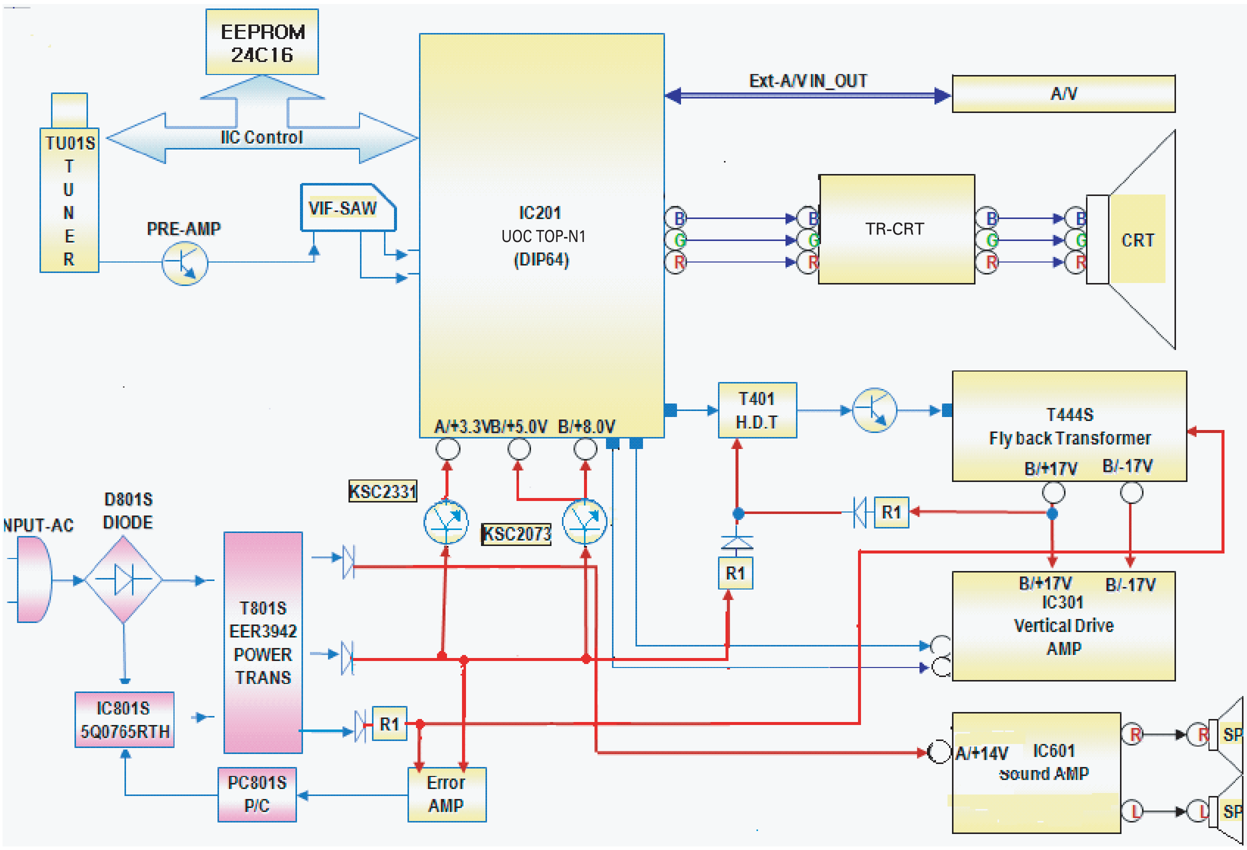
| Loc. No. | Description |
|---|---|
| CN501 | Main Board and CRT Board connect |
| CN602 | Main Board and Side-AV to E-Phone connect |
| CN701 | Main Board and Side-AV connect |
| CN601 | Main Board and Speaker connect |

# MEMO

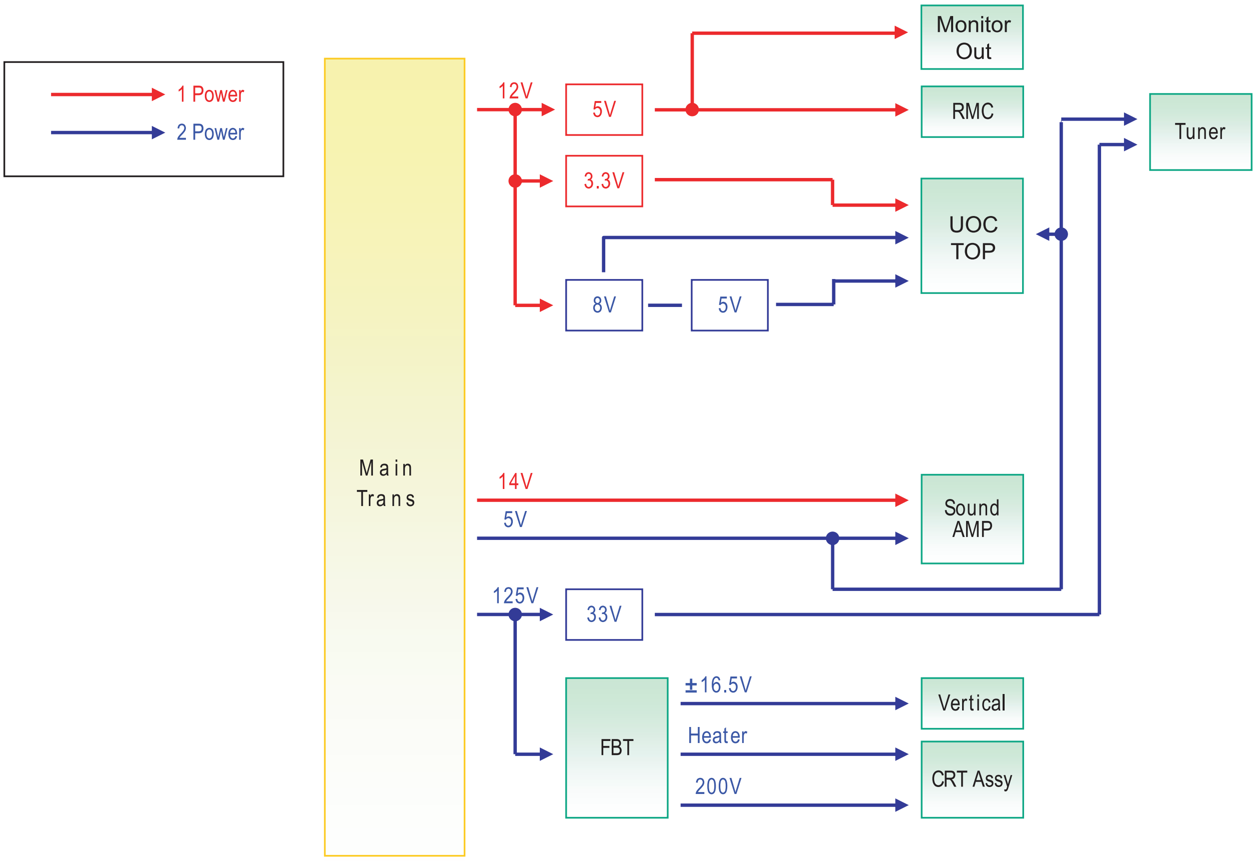
# 7. Schematic Diagram

## 7-1 Circuit Description

### 7-1-1 Overall Block Description

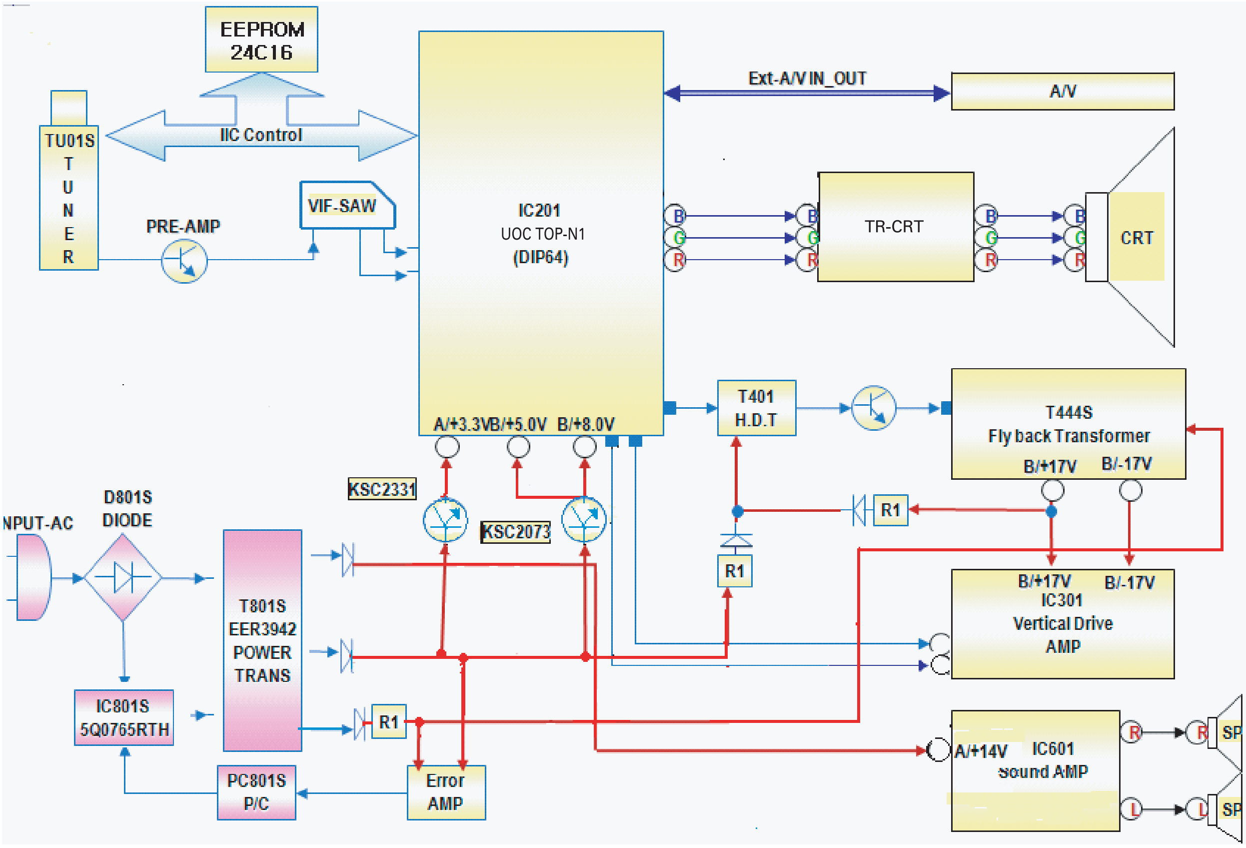


## 7-1-2 Power Signal



## 7-1-3 Partial Block Diagram

1. Main Block Description



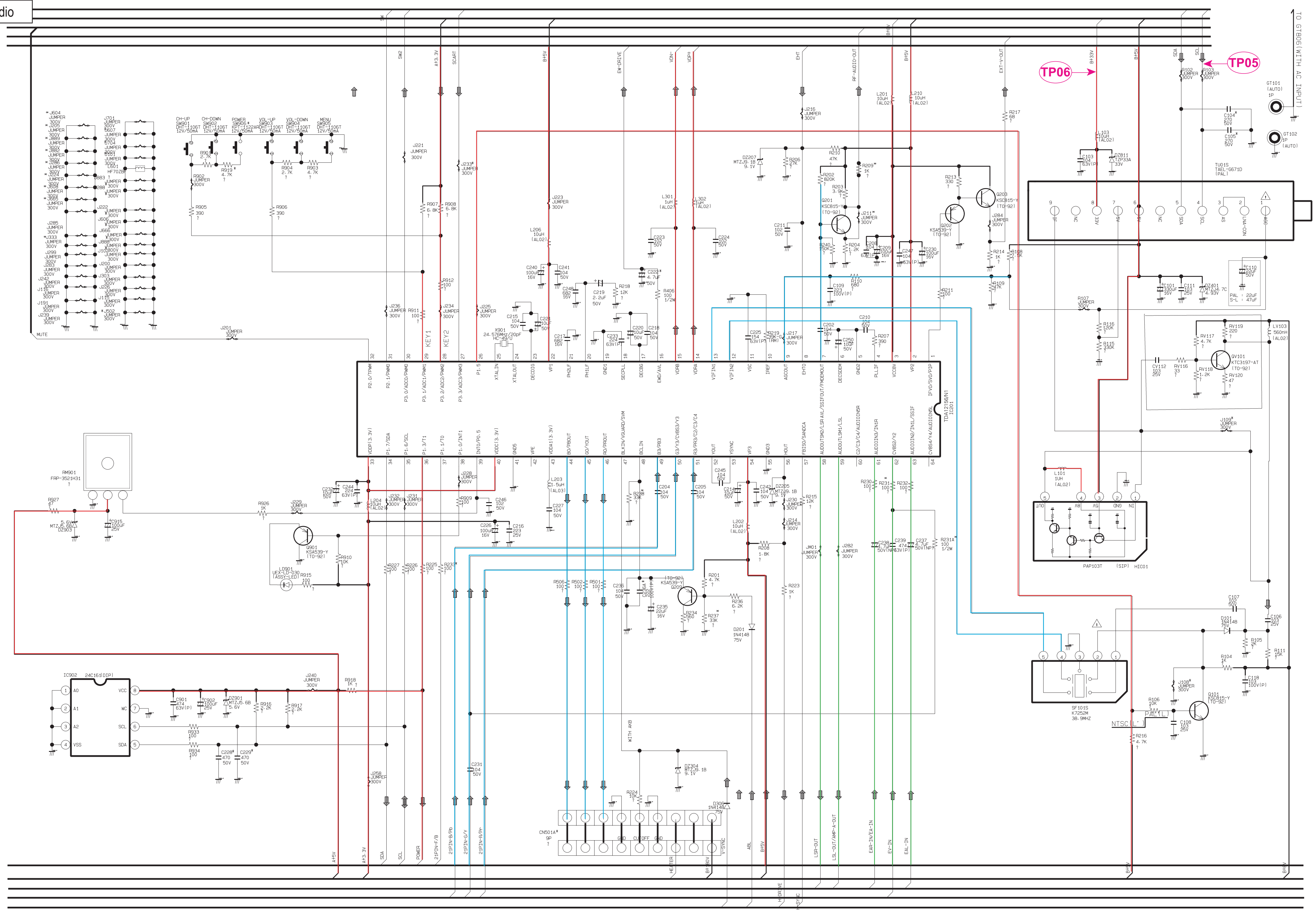
# MEMO

## 7-2 Schematic Diagram

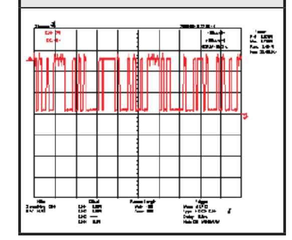
### 7-2-1 Main Board

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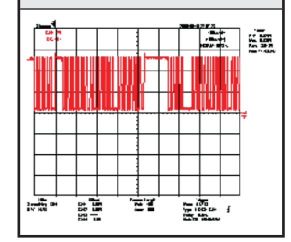
| | |
|---|---|
| (red line) | Power |
| (blue line) | Video |
| (green line) | Audio |



TP05



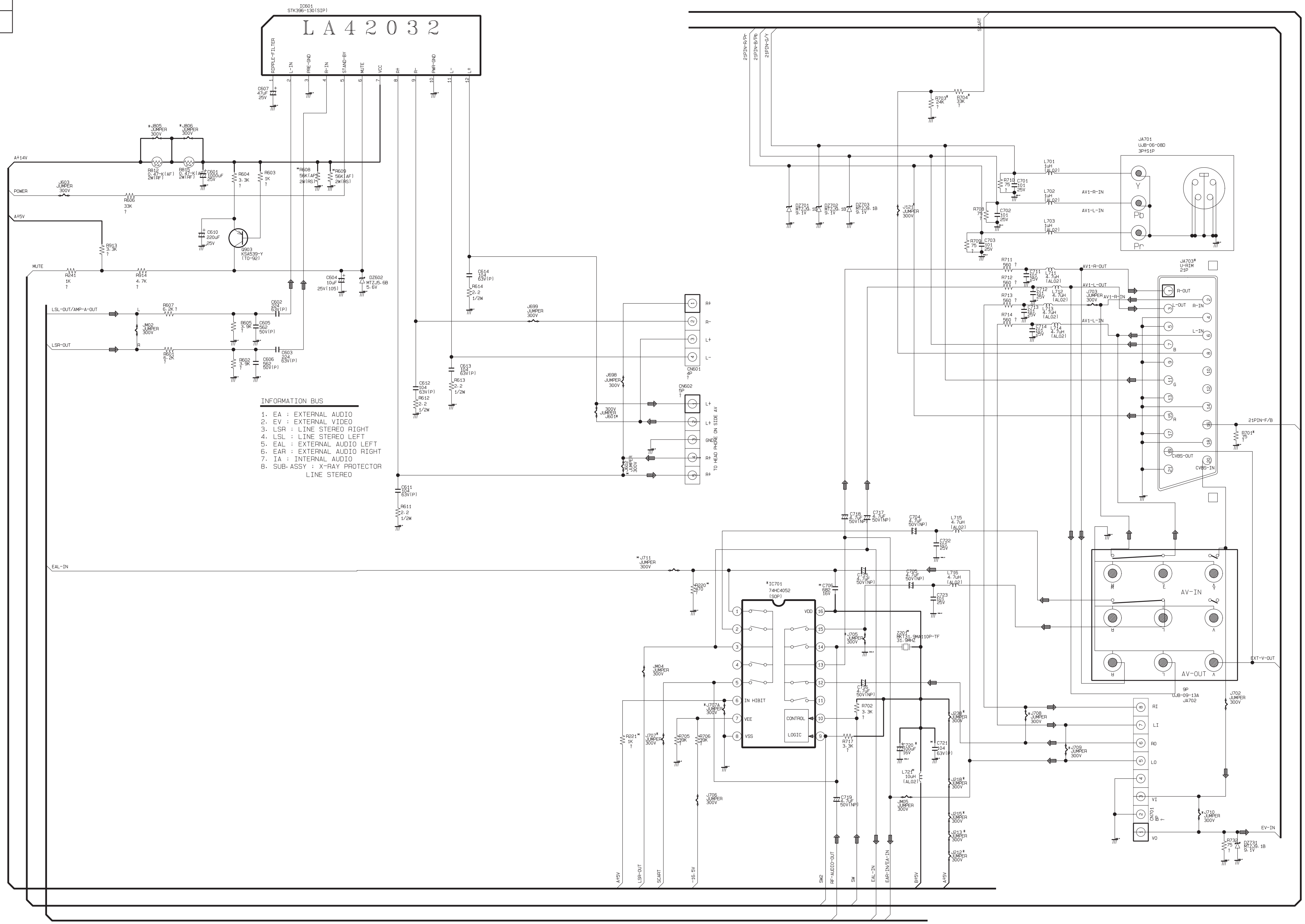
TP06



## 7-2-2 Sound

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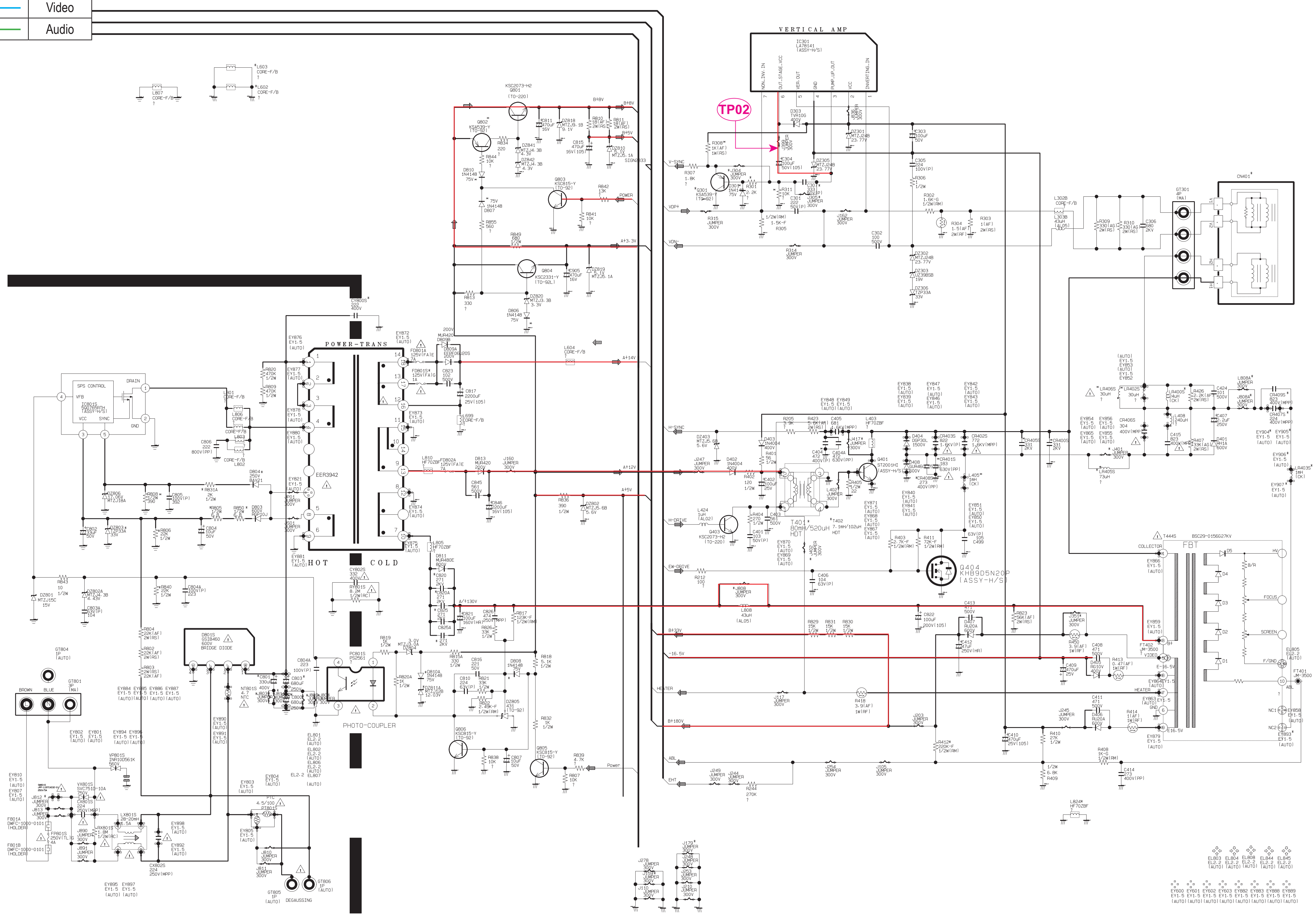
| Line | Signal |
|---|---|
| (red) | Power |
| (blue) | Video |
| (green) | Audio |

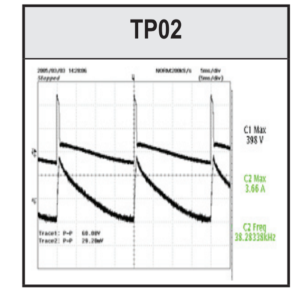


## 7-2-3 Power

This Document can not be used without Samsung's authorization.

| Line | Signal |
| --- | --- |
| (red line) | Power |
| (blue line) | Video |
| (green line) | Audio |

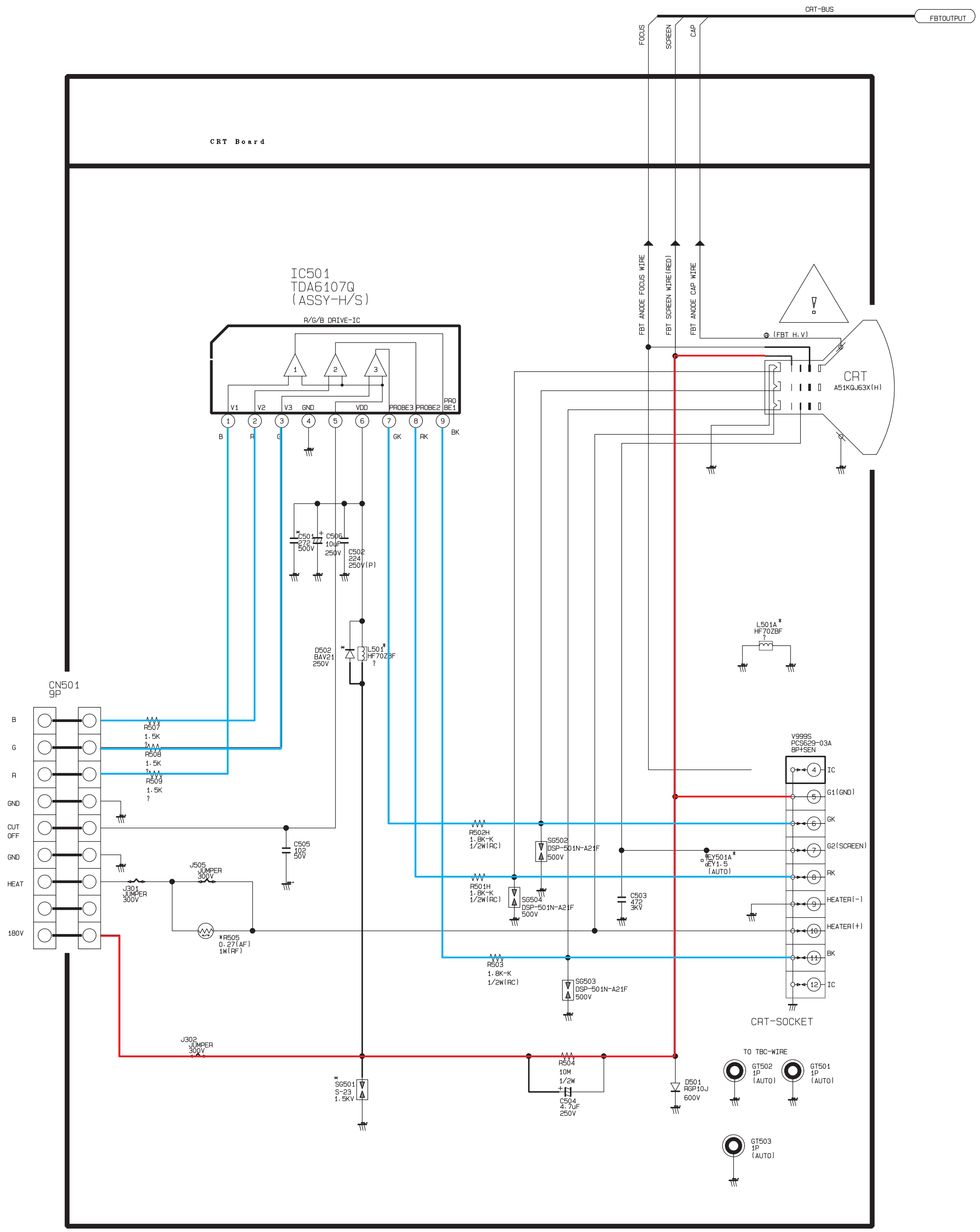


## 7-2-4 CRT



| | |
|---|---|
| (red line) | Power |
| (blue line) | Video |
| (green line) | Audio |



# 2. Product Specification

## 2-1 Product Specification

| Features | | | |
|---|---|---|---|
| Block | Specification | Major IC | Remark |
| CRT | 21" Slim CRT | 21" Ultra Slim CRT | |
| RF Part | 1 TUNER F/S TUNER | TDQ-6F/125S | |
| Power | Input Voltage : CIS:AC 160~300V<br>Mexico:AC 110V<br>Other:AC 100~240V | 5Q0765RT | |
| Video | NTSC ONLY | UOC TOP | |
| | 1H Comb Filter | | |
| Sound | Output : 5W x 2 | TDA11145/N1, LA42032 | |
| Cabinet | 21Z43 Cabinet | Z43 Cabinet | |

| Specification | |
|---|---|
| Model | CL-21Z43ML |
| Screen Size | 21" |
| Dimensions (WxHxD) | 604 x 472 x 360.5 mm |
| Weight | 23.5 kg |
| Voltage | CIS:AC 160~300V<br>Mexico:AC 110V<br>Other:AC 100~240V |
| Speaker Output | 5W + 5W |

## 2-2 Specifications Analysis

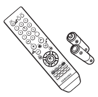
※ ○: application, ×: non-application

| Model | | CL-21Z43ML (KSBE) | CL-21Z43MJ (KSBA) |
|---|---|---|---|
| Design | |  |  |
| Basic | Product Type | Ultra Slim CRT | Ultra Slim Fit CRT |
| | Digital TV | Analog | Analog |
| | Digital Display | 576i/480i | 576i/480i |
| | Screen Size | 21 | 21 |
| | Aspect Ratio | 4:3 | 4:3 |
| Visual Quality | Progressive Scan | O | O |
| | Digital Comb Filter | X | X |
| | Screen Pitch | 0.73 | 0.73 |
| | Digital Noise Reduction | X | X |
| | AKB | O | O |
| | DNIe | O | O |
| | 3:2 Pull Down Support | X | X |
| Audio | Base/Treble/Balance | X | X |
| | Equalizer | X | X |
| | AVL | X | X |
| | Surround | X | X |
| | Speaker System | Direct | Direct |
| | Sperker Output | 5W + 5W | 5W + 5W |
| Function | Dual Screen Function | X | X |
| | Double Screen | X | X |
| | TTX | Caption | Caption |
| | Still Picture | X | X |
| | Auto Jack Recognition | X | X |
| | EPG | X | X |
| | Network | X | X |
| Ports | Antenna In | Rear:1 | Rear:1 |
| | External In | Rear:1 | Rear:1 |
| | S-Video | X | X |
| | Y/Pb/Pr | X | X |
| | PC | X | X |
| | DVI | X | X |
| | HDMI | X | X |
| | Digital Audio Out | X | X |
| | Video Out | Rear:1 | Rear:1 |
| Remote Controller | | TM85 | TM85 |

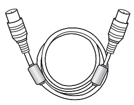
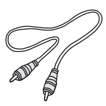
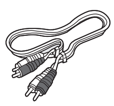
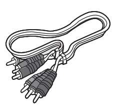
※ For the power supply and power consumption, refer to the label attached to the product.

# 2-3 Accessories

## 2-3-1 Supplied Accessories

| Accessories | Item | Item code | Remark |
|---|---|---|---|
|  | Remote Control<br>Batteries | AA59-00385C<br>4301-000121 | Samsung Service center |
|  | Power Cord | AA39-10006X | |
|  | Owner's Instructions | AA68-03905V | |
|  | Warranty Card<br>Registration Card<br>Safety Guide Manual | -<br>-<br>AA68-03242L | |

## 2-3-2 Accessories that can be purchased additionally

| Accessories | Item | Item code | Remark |
|---|---|---|---|
|  | RF Cable | - | Electronics Store/<br>Internal shopping mall |
|  | Video Cable | - | |
|  | Audio Cable | - | |
|  | Component Cables (RCA) | - | |

# MEMO

# 1. Precaution

To avoid possible damages or electric shocks or exposure to radiation, follow the instructions below with regard to safety, installation, service and ESD.

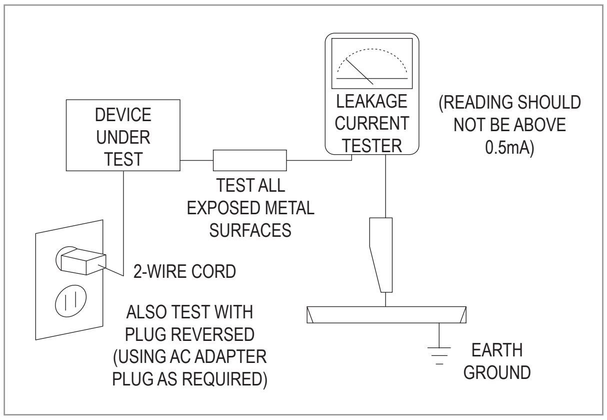
## 1-1 Safety Precautions

1. Make sure all protective devices are properly installed including non-metallic handles and compartment covers when installing or re-installing the chassis or chassis assemblies.

2. Make sure that no gaps exist between the cabinets for children to insert their fingers in to prevent children from receiving electric shocks. Gaps mentioned above include ventilation holes of a too great magnitude between the vaccum tube and the cabinet mask, and the improper installation of the rear cabinet.

   Errors may occur when the resistance is below 1.0 MΩ or over 5.2 MΩ.
   In these cases, make sure that the device is repaired before sending it back to the customer.

3. Check for Electricity Leakage (Figure 1-1)
   Warning: Do not use an insulated transformer for checking the leakage. Use only those current leakage testers or mirroring systems that comply with ANSIC 101.1 and the Underwriter Laboratory's specifications (UL1410, 59.7).




4. A high voltage is maintained within the specified limits using safety parts, calibration and tolerances. When voltage exceeds the specified limits, check each special part.

5. Warning for Engineering Changes:
   Never make any changes or additions to the circuit design or the internal part for this product.
   Ex: Do not add any audio or video accessory connectors. This might cause physical damage. Furthermore, any changes or additions to the original design/engineering will invalidate the warranty.

6. Warning - Hot Chassis:
   Some TV chassis are directly connected to one end of the AC power cord for electrical reasons.
   Without insulated transformers, the product can only be repaired safely when the chassis is connected to the earthed end of the AC power source.

   To make sure the AC power cord is properly connected, follow the instructions below. Use the voltmeter to measure the voltage between the chassis and the earthed ground. If the measurement is over 1.0V, unplug the AC power cord and change the polarity before re-inserting it. Measure the voltage between the chassis and the ground again.

7. Some TV chassis are shipped with an additional secondary grounding system. The secondary system is adjacent to the AC power line. These two grounding systems are separated in the circuit using an unbreakable/unchangeable insulation material.

8. When any parts, material or wiring appear overheated or damaged, replace them with new regular ones immediately.
   When any damage or overheating is detected, correct this immediately and make a regular check of possible errors.

9. Check for the original shape of the lead, especially that of the antenna wiring, any sharp edges, the AC power and the high voltage power. Carefully check if the wiring is too tight, incorrectly placed or loose. Never change the space between the part and the printed circuit board. Check the AC power cord for possible damages. Keep the part or the lead away from any heat-emitting materials.

10. Safety Indication:
    Some electrical circuits or device related materials require special attention to their safety features, which cannot be viewed by the naked eye. If an original part is replaced with another irregular one, the safety or protective features will be lost even if the new one has a higher voltage or more watts.

    Critical safety parts should be bracketed with (⚠, ⚠). Use only regular parts for replacements (in particular, flame resistance and dielectric strength specifications). Irregular parts or materials may cause electric shock or fire.

## 1-2 Servicing Precautions

Warning 1: First carefully read the “Safety Instruction” in this service manual.
When there is a conflict between the service and the safety instructions, follow the safety instruction at all times.

Warning 2: Any electrolytic capacitor with the wrong polarity will explode.

1. The service instructions are printed on the cabinet, and should be followed by any service personnel.

2. Make sure to unplug the AC power cord from the power source before starting any repairs.
   (a) Remove or re-install parts or assemblies.
   (b) Disconnect the electric plug or connector, if any.
   (c) Connect the test part in parallel with the electrolytic capacitor.

3. Some parts are placed at a higher position than the printed board. Insulated tubes or tapes are used for this purpose.
   The internal wiring is clamped using buckles to avoid contact with heat emitting parts. These parts are installed back to their original position.

4. After the repair, make sure to check if the screws, parts or cables are properly installed. Make sure no damage is caused to the repaired part and its surroundings.

5. Check for insulation between the blade of the AC plug and that of any conductive materials (i.e. the metal panel, input terminal, earphone jack, etc).

6. Insulation Check Process: Unplug the power cord from the AC source and turn the switch on. Connect the insulating resistance meter (500v) to the AC plug blade.

   The insulating resistance between the blade of the AC plug and that of the conductive material should be more than 1MΩ.

7. Any B+ interlock should not be damaged.
   If the metal heat sink is not properly installed, no connection to the AC power should be made.

8. Make sure the grounding lead of the tester is connected to the chassis ground before connecting to the positive lead.
   The ground lead of the tester should be removed last.

9. Beware of risks of any current leakage coming into contact with the high-capacity capacitor.

10. The sharp edges of the metal material may cause physical damage, so protect yourself by wearing gloves during the repair.

## 1-3 Static Electricity Precautions

1. Some semi-conductive (“solid state”) devices are vulnerable to static electricity. These devices are known as ESD. ESD includes the integrated circuit and the field effect transistor. To avoid any materials damage from electrostatic shock, follow the instructions described below.

2. Remove any static electricity from your body by connecting the earth ground before handling any semi-conductive parts or assemblies. Alternatively, wear a dischargeable wrist-belt.
(Make sure to remove any static electricity before connecting the power source - this is a safety instruction for avoiding electric shock)

3. Remove the ESD assembly and place it on a conductive surface such as aluminum foil to prevent accumulating static electricity.

4. Do not use any Freon-based chemicals. Such chemicals will generate static electricity that causes damage to the ESD.

5. Use only grounded-tip irons for soldering purposes.

6. Use only anti-static solder removal devices.
Most solder removal devices do not support an anti-static feature. A solder removal device without an anti-static feature can store enough static electricity to cause damage to the ESD.

7. Do not remove the ESD from the protective box until the replacement is ready. Most ESD replacements are covered with lead, which will cause a short to the entire unit due to the conductive foam, aluminum foil or other conductive materials.

8. Remove the protective material from the ESD replacement lead immediately after connecting it to the chassis or circuit assembly.

9. Take extreme caution in handling any uncovered ESD replacements. Actions such as brushing clothes or lifting your leg from the carpet floor can generate enough static electricity to damage the ESD.

**CAUTION**

These servicing instructions are for use by qualified service personnel only.
To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

## 1-4 Installation Precautions

1. For safety reasons, more than two people are required for carrying the product.

2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.

3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal temperature may cause fire.

4. Bend the external antenna cable when connecting it to the product. This is a measure to protect it from being exposed to moisture. Otherwise, it may cause a fire or electric shock.

5. Make sure to turn the power off and unplug the power cord from the outlet before repositioning the product. Also check the antenna cable or the external connectors if they are fully unplugged. Damage to the cord may cause fire or electric shock.

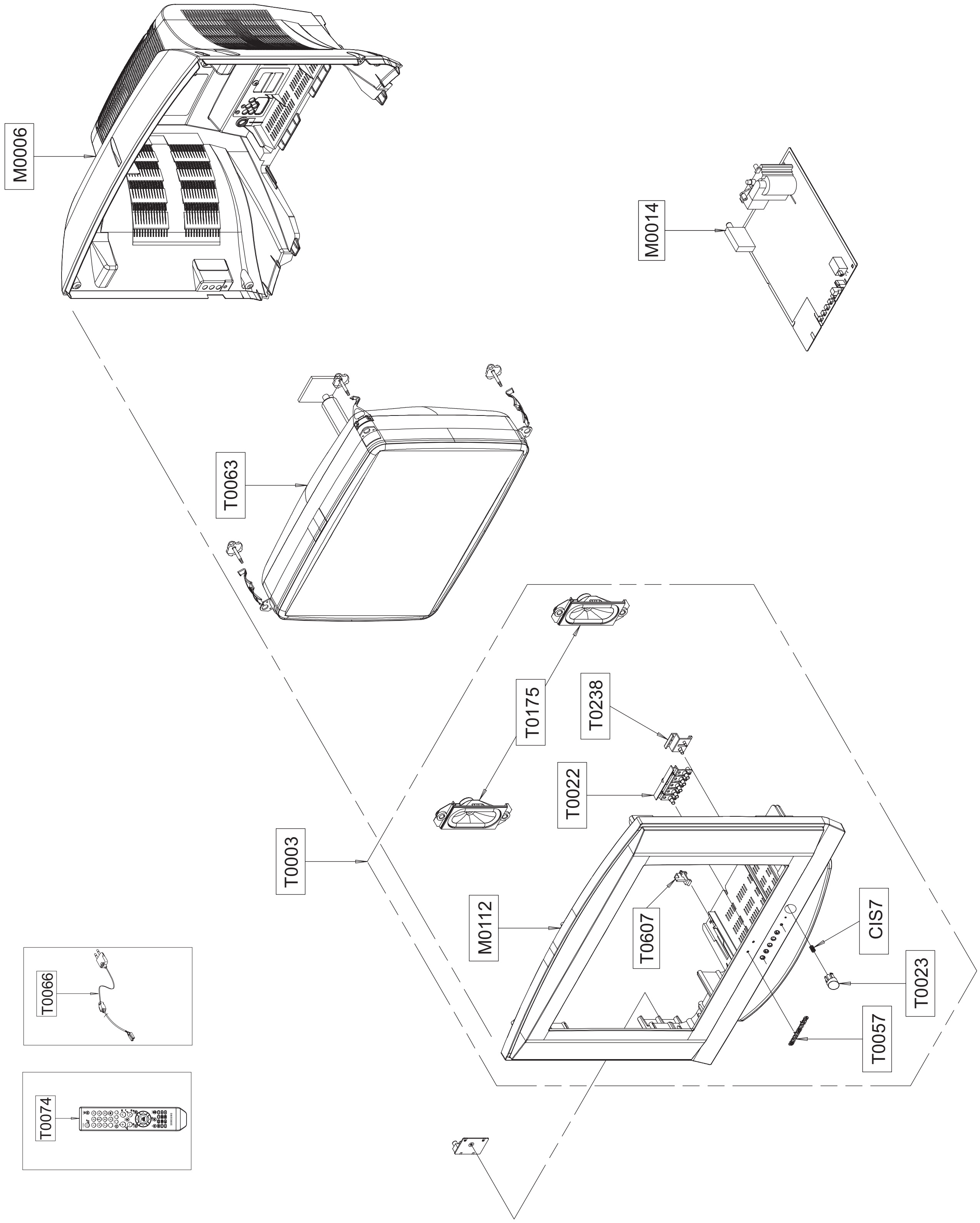
6. Keep the antenna far away from any high-voltage cables and install it firmly. Contact with the high-voltage cable or the antenna falling over may cause fire or electric shock.

7. Check the basics of the screen test.
   - Image position/size, Tilt adjustment, Actuator activation .

# MEMO

# 5. Exploded View & Part List

## 5-1 CL21Z43MLAXXAO Exploded View



| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| CIS7 | AA61-60003J | SPRING ETC-CS | -,SUS304,-,-,OD6,N7,OD6,-, | 1 | S.N.A | |
| M0006 | AA63-01565B | COVER-REAR | 21Z43,HIPS,HB,BK500,K16B | 1 | S.A | |
| M0014 | AA96-05349A | ASSY PCB P-MAIN | CL21Z43MLAX,KSBE,XAO | 1 | S.A | ⚠ |
| M0112 | AA63-01559C | COVER-FRONT | 21Z43,HIPS,HB,GE503,BKN1576+ | 1 | S.N.A | |
| T0003 | AA96-04962A | ASSY COVER P-FRONT | 21Z43, LATION-AME,,HI | 1 | S.A | |
| T0022 | AA64-04327A | KNOB CONTROL | 29Z40,SEH,ABS,-,-,-,HB,GR51 | 1 | S.N.A | |
| T0023 | AA64-04334A | KNOB POWER | 21Z40,ABS,HB,GR515,SVM3012 | 1 | S.N.A | |
| T0057 | AA64-70123A | BADGE-BRAND | NEW,AL,L50,FLAT,SILVER,SAMSU | 1 | S.N.A | |
| T0063 | AA03-00551A | CRT COLOR | A51QGV 991X301,0mG,0.915,14.0, | 1 | S.A | ⚠ |
| T0066 | AA96-20109B | ASSY POWER CORD | -,CP2/NO(4.0),H/C250,KKP | 1 | S.A | ⚠ |
| T0074 | AA59-00385C | REMOCON | TOMORROW,TM85,S3C1860XP0-SKT1,30 | 1 | S.A | |
| T0175 | AA96-04766A | ASSY SPEAKER P | 8ohm,10W,R/B700mm,Y/B500m | 1 | S.A | |
| T0238 | AA64-04340A | WINDOW REMOCON-LED | Z40(SEH,TSE),PC,CLEAR | 1 | S.N.A | |
| T0607 | AA61-40113A | STOPPER-PCB | 501H,HIPS,-,-,HB,NTR,- | 1 | S.N.A | |

## 5-2 CL21Z43MLAXXAO Electrical Part List

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| | | **ASSY CHASSIS** | | | | |
| M0017 | AA91-11149C | ASSY CHASSIS | CL21Z43MLAXXAO | 1 | S.N.A | |
| M0014 | AA96-05349A | ASSY PCB P-MAIN | CL21Z43MLAX,KSBE,XAO | 1 | S.A | |
| C | 2401-000787 | C-AL | 220uF,20%,160V,GP,BK,16x31.5mm,7.5 | 1 | S.A | |
| C | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | 1 | S.A | |
| C | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | 1 | S.A | |
| C | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | 1 | S.A | |
| C | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | 1 | S.A | |
| C | 2401-000025 | C-AL | 100uF,20%,16V,GP,TP,6.3x11,5 | 1 | S.A | |
| C | 2401-000030 | C-AL | 22uF,20%,25V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-000262 | C-AL | 100uF,20%,160V,HR,TP,16x25,7.5 | 1 | S.A | |
| C | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C | 2401-000302 | C-AL | 100uF,20%,25V,GP,TP,6.3x11,5 | 1 | S.A | |
| C | 2401-000360 | C-AL | 100uF,20%,50V,GP,TP,8x11.5,5 | 1 | S.A | |
| C | 2401-000365 | C-AL | 100uF,20%,50V,WT,TP,10x12.5mm, | 1 | S.A | |
| C | 2401-000430 | C-AL | 10uF,20%,250V,GP,TP,10x16mm,5m | 1 | S.A | |
| C | 2401-000430 | C-AL | 10uF,20%,250V,GP,TP,10x16mm,5m | 1 | S.A | |
| C | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-000480 | C-AL | 10uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-000620 | C-AL | 2.2uF,10%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-000689 | C-AL | 2200uF,20%,16V,GP,TP,13x25,5 | 1 | S.A | |
| C | 2401-000913 | C-AL | 22uF,20%,16V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-000962 | C-AL | 22uF,20%,50V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-001101 | C-AL | 330uF,20%,16V,GP,TP,8x11.5,5 | 1 | S.A | |
| C | 2401-001397 | C-AL | 470uF,20%,25V,GP,TP,10x16,5 | 1 | S.A | |
| C | 2401-001397 | C-AL | 470uF,20%,25V,GP,TP,10x16,5 | 1 | S.A | |
| C | 2401-001989 | C-AL | 4.7uF,20%,50V,BP,TP,5x11,5 | 1 | S.A | |
| C | 2401-001989 | C-AL | 4.7uF,20%,50V,BP,TP,5x11,5 | 1 | S.A | |
| C | 2401-001989 | C-AL | 4.7uF,20%,50V,BP,TP,5x11,5 | 1 | S.A | |
| C | 2401-001989 | C-AL | 4.7uF,20%,50V,BP,TP,5x11,5 | 1 | S.A | |
| C | 2401-001989 | C-AL | 4.7uF,20%,50V,BP,TP,5x11,5 | 1 | S.A | |
| C | 2401-001989 | C-AL | 4.7uF,20%,50V,BP,TP,5x11,5 | 1 | S.A | |
| C | 2401-001989 | C-AL | 4.7uF,20%,50V,BP,TP,5x11,5 | 1 | S.A | |
| C | 2401-001998 | C-AL | 1000uF,20%,25V,GP,TP,10x20,5mm | 1 | S.A | |
| C | 2401-001998 | C-AL | 1000uF,20%,25V,GP,TP,10x20,5mm | 1 | S.A | |
| C | 2401-002268 | C-AL | 2.2uF,20%,250V,LZ,TP,8X11,5 | 1 | S.A | |
| C | 2401-002463 | C-AL | 470uF,20%,16V,GP,TP,8x11.5,5 | 1 | S.A | |
| C | 2401-002619 | C-AL | 47uF,20%,25V,GP,TP,5x11,5 | 1 | S.A | |
| C | 2401-003019 | C-AL | 470¥iF,20%,6.3V,GP,TP,6.3X11mm,5mm | 1 | S.A | |
| C | 2401-003019 | C-AL | 470¥iF,20%,6.3V,GP,TP,6.3X11mm,5mm | 1 | S.A | |
| C | 2401-003046 | C-AL | 47uF,20%,50V,WT,TP,6.3x11,2.5 | 1 | S.A | |
| C | 2401-002128 | C-AL | 220uF,20%,400V,GP,BK,25x40mm,10 | 1 | S.A | |
| C103 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C106 | 2202-000127 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,25V,Y5V | 1 | S.A | |
| C109 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C111 | 2202-000127 | C-CERAMIC,MLC-AXIAL | 10nF,+80-20%,25V,Y5V | 1 | S.A | |
| C202 | 2202-000632 | C-CERAMIC,MLC-AXIAL | 100nF,20%,50V,Z5U,TP | 1 | S.A | |
| C210 | 2202-000632 | C-CERAMIC,MLC-AXIAL | 100nF,20%,50V,Z5U,TP | 1 | S.A | |
| C211 | 2202-000796 | C-CERAMIC,MLC-AXIAL | 1nF,10%,50V,Y5P,-,2x | 1 | S.A | |
| C215 | 2202-000632 | C-CERAMIC,MLC-AXIAL | 100nF,20%,50V,Z5U,TP | 1 | S.A | |
| C216 | 2202-002037 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5 | 1 | S.A | |
| C217 | 2301-000301 | C-FILM,LEAD-PEF | 6.8nF,5%,50V,TP,6.5X5.5X | 1 | S.A | |
| C218 | 2202-000632 | C-CERAMIC,MLC-AXIAL | 100nF,20%,50V,Z5U,TP | 1 | S.A | |
| C223 | 2202-000796 | C-CERAMIC,MLC-AXIAL | 1nF,10%,50V,Y5P,-,2x | 1 | S.A | |
| C224 | 2202-000796 | C-CERAMIC,MLC-AXIAL | 1nF,10%,50V,Y5P,-,2x | 1 | S.A | |
| C225 | 2305-000196 | C-FILM,LEAD-PEF | 150nF,5%,63V,TP,3.5X12.5 | 1 | S.A | |
| C227 | 2202-000632 | C-CERAMIC,MLC-AXIAL | 100nF,20%,50V,Z5U,TP | 1 | S.A | |
| C233 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| C236 | 2202-002037 | C-CERAMIC,MLC-AXIAL | 100nF,+80-20%,50V,Y5 | 1 | S.A | |
| C239 | 2305-000412 | C-FILM,LEAD-PEF | 470nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C241 | 2202-000632 | C-CERAMIC,MLC-AXIAL | 100nF,20%,50V,Z5U,TP | 1 | S.A | |
| C242 | 2202-000632 | C-CERAMIC,MLC-AXIAL | 100nF,20%,50V,Z5U,TP | 1 | S.A | |
| C244 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C245 | 2202-000632 | C-CERAMIC,MLC-AXIAL | 100nF,20%,50V,Z5U,TP | 1 | S.A | |
| C246 | 2202-000796 | C-CERAMIC,MLC-AXIAL | 1nF,10%,50V,Y5P,-,2x | 1 | S.A | |
| C247 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C248 | 2301-000301 | C-FILM,LEAD-PEF | 6.8nF,5%,50V,TP,6.5X5.5X | 1 | S.A | |
| C301 | 2301-000342 | C-FILM,LEAD-PEF | 2.2nF,5%,50V,TP,7.4x3.9x | 1 | S.A | |
| C302 | 2201-000192 | C-CERAMIC,DISC | 0.01nF,0.25pF,500V,C0G,-, | 1 | S.A | |
| C305 | 2305-000285 | C-FILM,LEAD-PEF | 220NF,5%,100V,TP,10.5X5. | 1 | S.A | |
| C306 | 2201-000003 | C-CERAMIC,DISC | 0.068NF,10%,2KV,SL,TP,7X5 | 1 | S.A | |
| C307 | 2301-000224 | C-FILM,LEAD-PEF | 22nF,5%,50V,TP,7.4x3.9x1 | 1 | S.A | |
| C401 | 2301-000383 | C-FILM,LEAD-PEF | 10nF,5%,50V,TP,6x7x3.2mm | 1 | S.A | |
| C403 | 2201-000599 | C-CERAMIC,DISC | 0.56NF,10%,500V,Y5P,TP,5. | 1 | S.A | |
| C406 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C414A | 2301-000020 | C-FILM,LEAD-PEF | 27nF,5%,100V,TP,7.3x4x12 | 1 | S.A | |
| C415 | 2301-001067 | C-FILM,LEAD-PPF | 82nF,5%,400V,TP,19x15.5x | 1 | S.A | |
| C424 | 2201-000132 | C-CERAMIC,DISC | 0.1NF,10%,500V,Y5P,TP,6.5 | 1 | S.A | |
| C499 | 2305-000237 | C-FILM,LEAD-PEF | 1uF,5%,63V,TP,7.5x15.5mm | 1 | S.A | |
| C503 | 2201-000723 | C-CERAMIC,DISC | 4.7NF,20%,3KV,Y5U,TP,16X5 | 1 | S.A | |
| C507 | 2201-000600 | C-CERAMIC,DISC | 0.56NF,10%,50V,Y5P,TP,5X3 | 1 | S.A | |
| C508 | 2201-000600 | C-CERAMIC,DISC | 0.56NF,10%,50V,Y5P,TP,5X3 | 1 | S.A | |
| C509 | 2201-000600 | C-CERAMIC,DISC | 0.56NF,10%,50V,Y5P,TP,5X3 | 1 | S.A | |
| C602 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C603 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| C605 | 2301-000342 | C-FILM,LEAD-PEF | 2.2nF,5%,50V,TP,7.4x3.9x | 1 | S.A | |
| C606 | 2301-000342 | C-FILM,LEAD-PEF | 2.2nF,5%,50V,TP,7.4x3.9x | 1 | S.A | |
| C611 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C612 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C613 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C614 | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C803A | 2305-000665 | C-FILM,LEAD-PEF | 100nF,5%,63V,TP,7.5x4.0x | 1 | S.A | |
| C805 | 2301-000204 | C-FILM,LEAD-PEF | 2.7nF,5%,50V,TP,7.4x3.9x | 1 | S.A | |
| C806 | 2301-001158 | C-FILM,LEAD-PPF | 1nF,5%,800V,TP,15x12x5.5 | 1 | S.A | |
| C810 | 2301-000224 | C-FILM,LEAD-PEF | 22nF,5%,50V,TP,7.4x3.9x1 | 1 | S.A | |
| C816 | 2201-000375 | C-CERAMIC,DISC | 0.22NF,5%,50V,RH,TP,12.5X | 1 | S.A | |
| C820 | 2201-000229 | C-CERAMIC,DISC | 0.15NF,10%,2KV,Y5P,TP,6.3 | 1 | S.A | |
| C820A | 2201-000229 | C-CERAMIC,DISC | 0.15NF,10%,2KV,Y5P,TP,6.3 | 1 | S.A | |
| C823 | 2201-000291 | C-CERAMIC,DISC | 1NF,10%,500V,Y5P,TP,7.5X3 | 1 | S.A | |
| C826 | 2301-001194 | C-FILM,LEAD-PPF | 470nF,5%,250V,TP,18x16x8 | 1 | S.A | |
| C845 | 2201-000599 | C-CERAMIC,DISC | 0.56NF,10%,500V,Y5P,TP,5. | 1 | S.A | |
| CIS1 | 0205-001154 | OIL-SILICON | G746,-,- | 0.1 | S.N.A | |
| CIS1 | 0205-001154 | OIL-SILICON | G746,-,- | 0.5 | S.N.A | |
| CIS1 | 0205-001154 | OIL-SILICON | G746,-,- | 0.2 | S.N.A | |
| CIS1 | 0205-001154 | OIL-SILICON | G746,-,- | 0.2 | S.N.A | |
| CIS1 | 0205-001154 | OIL-SILICON | G746,-,- | 0.2 | S.N.A | |
| CIS1 | 0205-001154 | OIL-SILICON | G746,-,- | 0.2 | S.N.A | |
| CIS3 | AA40-00016A | TUNER | TDQ-6F/13F2S,NTSC,181CH,45.75MHZ,7 | 1 | S.A | |
| CN330 | 3711-003043 | HEADER-BOARD TO CABLE | BOX,4P,1R,2.5MM,ST | 1 | S.A | |
| CN909 | AA37-00001A | CONNECTOR-FBT FIX PIN | JM-3500,CPTTV,0.36 | 1 | S.A | |
| CN909 | AA37-00001A | CONNECTOR-FBT FIX PIN | JM-3500,CPTTV,0.36 | 1 | S.A | |
| ⚠ CR401S | 2303-000296 | C-FILM,LEAD-PPF | 18nF,5%,630V,BK,20x16x9. | 1 | S.A | |
| ⚠ CR402S | 2301-001041 | C-FILM,LEAD-PPF | 15nF,5%,1.6KV,TP,29x14x2 | 1 | S.A | |
| ⚠ CR406S | 2306-000350 | C-FILM,LEAD-PPF | 270nF,5%,400V,BK,26x18.5 | 1 | S.A | |
| ⚠ CX801S | 2301-001156 | C-FILM,LEAD-PEF | 220nF,10%,275V,BK,26x18x | 1 | S.A | |
| ⚠ CY802S | 2201-000446 | C-CERAMIC,DISC | 3.3NF,20%,400V,Y5U,BK,15X | 1 | S.A | |
| D201 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D301 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D303 | 0402-000132 | DIODE-RECTIFIER | 1N4004,400V,1A,DO-41,TP | 1 | S.A | |
| D306 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D402 | 0402-000132 | DIODE-RECTIFIER | 1N4004,400V,1A,DO-41,TP | 1 | S.A | |
| D403 | 0402-000132 | DIODE-RECTIFIER | 1N4004,400V,1A,DO-41,TP | 1 | S.A | |
| D404 | 0402-001599 | DIODE-RECTIFIER | DGP30L,1500,3A,DO-201AD( | 1 | S.A | |
| D405 | 0402-000534 | DIODE-RECTIFIER | RG10V,400V,1.2A,DO-15,TP | 1 | S.A | |
| D406 | 0402-000540 | DIODE-RECTIFIER | RU20A,600V,1.5A,DO-15,TP | 1 | S.A | |
| D407 | 0402-000540 | DIODE-RECTIFIER | RU20A,600V,1.5A,DO-15,TP | 1 | S.A | |

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| D408 | 0402-001295 | DIODE-RECTIFIER | GUR460L-5700,600V,4A,DO- | 1 | S.A | |
| D501 | 0402-000254 | DIODE-RECTIFIER | RGP10J,600V,1A,DO-41,TP | 1 | S.A | |
| D801 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| ⚠ D801S | 0402-001160 | DIODE-BRIDGE | D5SB60,600V,6A,SIP-4,ST | 1 | S.A | |
| D803 | 0402-000254 | DIODE-RECTIFIER | RGP10J,600V,1A,DO-41,TP | 1 | S.A | |
| D804 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D807 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D808 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D809B | 0402-001604 | DIODE-RECTIFIER | MUR420,200V,4A,DO-201AD, | 1 | S.A | |
| D810 | 0401-000005 | DIODE-SWITCHING | 1N4148,75V,150mA,DO-35,T | 1 | S.A | |
| D811 | 0402-001603 | DIODE-RECTIFIER | MUR480E,800V,4A,DO-201AD | 1 | S.A | |
| D813 | 0402-001604 | DIODE-RECTIFIER | MUR420,200V,4A,DO-201AD, | 1 | S.A | |
| DZ205 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ207 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ301 | 0403-001329 | DIODE-ZENER | MTZJ24B,22.75-23.73V,500mW,D | 1 | S.A | |
| DZ302 | 0403-001329 | DIODE-ZENER | MTZJ24B,22.75-23.73V,500mW,D | 1 | S.A | |
| DZ303 | 0403-001221 | DIODE-ZENER | UZ39BSB,35.36-37.19V,500mW,D | 1 | S.A | |
| DZ304 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ305 | 0403-001329 | DIODE-ZENER | MTZJ24B,22.75-23.73V,500mW,D | 1 | S.A | |
| DZ306 | 0403-000700 | DIODE-ZENER | TZP33A,5%,1000mW,DO-41,TP | 1 | S.A | |
| DZ403 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ526 | 0403-001373 | DIODE-ZENER | MTZJ5.1A,4.85-5.03V,500mW,DO | 1 | S.A | |
| DZ527 | 0403-001373 | DIODE-ZENER | MTZJ5.1A,4.85-5.03V,500mW,DO | 1 | S.A | |
| DZ528 | 0403-001373 | DIODE-ZENER | MTZJ5.1A,4.85-5.03V,500mW,DO | 1 | S.A | |
| DZ602 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| DZ731 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ801 | 0403-001140 | DIODE-ZENER | RD10ESAB-T4,9.7-10.2V,400mW, | 1 | S.A | |
| DZ802 | 0403-001373 | DIODE-ZENER | MTZJ5.1A,4.85-5.03V,500mW,DO | 1 | S.A | |
| DZ802A | 0403-001318 | DIODE-ZENER | MTZJ4.3B,4.17-4.43V,500mW,DO | 1 | S.A | |
| DZ803 | 0403-000699 | DIODE-ZENER | TZP27B,27-30.8V,1000mW,DO-41 | 1 | S.A | |
| DZ804 | 0403-001318 | DIODE-ZENER | MTZJ4.3B,4.17-4.43V,500mW,DO | 1 | S.A | |
| DZ806 | 0403-001327 | DIODE-ZENER | MTZJ18A,16.22-17.06V,500mW,D | 1 | S.A | |
| DZ810 | 0403-001373 | DIODE-ZENER | MTZJ5.1A,4.85-5.03V,500mW,DO | 1 | S.A | |
| DZ811 | 0403-000700 | DIODE-ZENER | TZP33A,5%,1000mW,DO-41,TP | 1 | S.A | |
| DZ818 | 0403-000720 | DIODE-ZENER | MTZJ9.1B,8.57-9.01V,500mW,DO | 1 | S.A | |
| DZ819 | 0403-000714 | DIODE-ZENER | MTZJ3.3B,3.32-3.53V,500mW,DO | 1 | S.A | |
| DZ820 | 0403-000714 | DIODE-ZENER | MTZJ3.3B,3.32-3.53V,500mW,DO | 1 | S.A | |
| DZ841 | 0403-001318 | DIODE-ZENER | MTZJ4.3B,4.17-4.43V,500mW,DO | 1 | S.A | |
| DZ842 | 0403-001318 | DIODE-ZENER | MTZJ4.3B,4.17-4.43V,500mW,DO | 1 | S.A | |
| DZ901 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| EL801 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL802 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL809 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL810 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL811 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL844 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EL845 | 6042-000001 | EYELET | ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H | 1 | S.N.A | |
| EY601 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY602 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY801 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY802 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY803 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY804 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY805 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY806 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY807 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY808 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY809 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY811 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY812 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY815 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY816 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY818 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY825 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY838 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY839 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY840 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY841 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| EY842 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY843 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY850 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY851 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY852 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY853 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY854 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY855 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY856 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY858 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY859 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY863 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY864 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY865 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY866 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY869 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY870 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY871 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY876 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY879 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY880 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY890 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY891 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY893 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY894 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY895 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY896 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY897 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| EY899 | 6042-000002 | EYELET | ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H | 1 | S.A | |
| F101 | 2901-000297 | FILTER-EMI ON BOARD | -,3A,-,3.5x5mm,TP,- | 1 | S.A | |
| F101 | 2901-000297 | FILTER-EMI ON BOARD | -,3A,-,3.5x5mm,TP,- | 1 | S.A | |
| F101 | 2901-000297 | FILTER-EMI ON BOARD | -,3A,-,3.5x5mm,TP,- | 1 | S.A | |
| F101 | 2901-000297 | FILTER-EMI ON BOARD | -,3A,-,3.5x5mm,TP,- | 1 | S.A | |
| F801A | 3602-000001 | FUSE-CLIP | -,-,30mohm | 1 | S.A | |
| F801B | 3602-000001 | FUSE-CLIP | -,-,30mohm | 1 | S.A | |
| FD801A | 3601-001086 | FUSE-AXIAL LEAD | 125V,5A,FAST-ACTING,GLAS | 1 | S.A | |
| FD802 | 3601-000281 | FUSE-CARTRIDGE | 250V,4A,TIME-LAG,GLASS,5. | 1 | S.A | |
| FD802A | 3601-001086 | FUSE-AXIAL LEAD | 125V,5A,FAST-ACTING,GLAS | 1 | S.A | |
| GT102 | BH71-40300A | PIN-HINGE | BRASS,D2.36!,HEAT/SINK,SN | 1 | S.N.A | |
| GT301 | AA60-40012F | PIN-GT | 4P,2.36PI,6/12/14mm,NYLON66,LOCKI | 1 | S.N.A | |
| GT501 | BH71-40300A | PIN-HINGE | BRASS,D2.36!,HEAT/SINK,SN | 1 | S.N.A | |
| GT502 | BH71-40300A | PIN-HINGE | BRASS,D2.36!,HEAT/SINK,SN | 1 | S.N.A | |
| GT801 | AA60-40012G | PIN-GT | 3P,2.36PI,10/5mm,NYLON66,LOCKING | 1 | S.N.A | |
| GT805 | BH71-40300A | PIN-HINGE | BRASS,D2.36!,HEAT/SINK,SN | 1 | S.N.A | |
| GT806 | BH71-40300A | PIN-HINGE | BRASS,D2.36!,HEAT/SINK,SN | 1 | S.N.A | |
| IC012 | 1203-001217 | IC-POSI.ADJUST REG. | 431,TO-92,3P,4.58MIL | 1 | S.A | |
| IC112 | 1103-001213 | IC-EEPROM | 24C16,2Kx8,DIP,8P,9.2x6mm,2.5/ | 1 | S.A | |
| IC301 | AA96-00623J | ASSY HEAT SINK P | AA62-00056A,SCREW,LA781 | 1 | S.N.A | |
| IC601 | AA96-04919A | ASSY HEAT SINK P | AA62-00161A,SCREW,LA420 | 1 | S.N.A | |
| IC701 | 1001-001445 | IC-ANALOG MULTIPLEX | DIP16,16P,5V,-40 to | 1 | S.A | |
| ⚠ IC801S | AA96-05226E | ASSY HEAT SINK P | AA62-00166A,6003-000334 | 1 | S.N.A | |
| JA333 | 3722-001895 | JACK-PIN | 6P(9P),NI,YEL/WHT/REDx2,ANGLE | 1 | S.A | |
| L103 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L106 | 2008-000253 | R-FUSIBLE(S) | 0.47ohm,5%,1W,AF,TP,3.9x10m | 1 | S.A | |
| L201 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L202 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L203 | 2701-000106 | INDUCTOR-AXIAL | 1.5UH,10%,3070 | 1 | S.A | |
| L204 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L206 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L210 | 2701-000114 | INDUCTOR-AXIAL | 10UH,10%,2534 | 1 | S.A | |
| L2514 | 3301-000287 | BEAD-AXIAL | ,3.5x1.0x6.0mm,3000mA,TP,,,50 | 1 | S.A | |
| L2514 | 3301-000287 | BEAD-AXIAL | ,3.5x1.0x6.0mm,3000mA,TP,,,50 | 1 | S.A | |
| L2514 | 3301-000287 | BEAD-AXIAL | ,3.5x1.0x6.0mm,3000mA,TP,,,50 | 1 | S.A | |
| L2514 | 3301-000374 | BEAD-AXIAL | ,3.5x1.0x9.0mm,3000mA,TP,,,50 | 1 | S.A | |
| L301 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| L302 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| L303B | 2701-001034 | INDUCTOR-AXIAL | 22UH,10%,4514 | 1 | S.A | |
| L424 | 2701-000142 | INDUCTOR-AXIAL | 1UH,10%,2534 | 1 | S.A | |

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| L808 | 2701-001030 | INDUCTOR-AXIAL | 43UH,10%,4514 | 1 | S.A | |
| LD901 | AA96-00555A | ASSY MISC-LED GUIDE | VC1A,SEH | 1 | S.A | |
| ⚠ LX801S | AA29-00021A | FILTER LINE NOISE | SQE2222,18mH,0.25ohm,1 | 1 | S.A | |
| M0014 | AA97-17401C | ASSY AUTO-MAIN | CL21Z43MLAXXAO | 1 | S.N.A | |
| M0018 | AA97-17465A | ASSY MICOM | T-MA1NSAL-1001.0,KSBE,MANASLU | 1 | S.N.A | |
| M0081 | 6003-000333 | SCREW-TAPTITE | RH,+,-,2S,M3,L10,ZPC(WHT), | 1 | S.N.A | |
| M0081 | 6003-000333 | SCREW-TAPTITE | RH,+,-,2S,M3,L10,ZPC(WHT), | 1 | S.N.A | |
| M0081 | 6003-000335 | SCREW-TAPTITE | RH,+,-,2S,M3,L8,ZPC(WHT),S | 1 | S.N.A | |
| M0081 | 6003-000335 | SCREW-TAPTITE | RH,+,-,2S,M3,L8,ZPC(WHT),S | 1 | S.N.A | |
| M0081 | 6003-000334 | SCREW-TAPTITE | RH,+,-,2S,M3,L6,ZPC(WHT),S | 1 | S.N.A | |
| M0081 | 6003-000334 | SCREW-TAPTITE | RH,+,-,2S,M3,L6,ZPC(WHT),S | 1 | S.N.A | |
| P803T | 1404-001265 | THERMISTOR-PTC | 4.5OHM/100OHM,+30/-20%,22 | 1 | S.A | |
| ⚠ PC801S | 0604-001032 | PHOTO-COUPLER | TR,170-260%,300mW,DIP-4,ST | 1 | S.A | |
| Q201 | 0501-000389 | TR-SMALL SIGNAL | KSC815,NPN,400mW,TO-92,T | 1 | S.A | |
| Q202 | 0501-000283 | TR-SMALL SIGNAL | KSA539,PNP,400mW,TO-92,T | 1 | S.A | |
| Q203 | 0501-000389 | TR-SMALL SIGNAL | KSC815,NPN,400mW,TO-92,T | 1 | S.A | |
| Q209 | 0501-000283 | TR-SMALL SIGNAL | KSA539,PNP,400mW,TO-92,T | 1 | S.A | |
| Q301 | 0501-000283 | TR-SMALL SIGNAL | KSA539,PNP,400mW,TO-92,T | 1 | S.A | |
| Q401 | AA96-04920A | ASSY HEAT SINK P | AA62-00162A,SCREW,TT222 | 1 | S.N.A | |
| Q403 | 0501-002176 | TR-SMALL SIGNAL | KTD863,NPN,1W,TO-92L,TP, | 1 | S.A | |
| Q404 | AA96-04922A | ASSY HEAT SINK P | AA62-00164A,SCREW,KHB63 | 1 | S.N.A | |
| Q409 | 0505-001288 | FET-SILICON | KHB9D5N20P,N,200V,9.5A,0.4oh | 1 | S.A | |
| Q501 | 0501-002014 | TR-SMALL SIGNAL | KSC2330-R,NPN,1W,TO-92L, | 1 | S.A | |
| Q502 | 0501-002014 | TR-SMALL SIGNAL | KSC2330-R,NPN,1W,TO-92L, | 1 | S.A | |
| Q503 | 0501-002014 | TR-SMALL SIGNAL | KSC2330-R,NPN,1W,TO-92L, | 1 | S.A | |
| Q801 | AA96-05075D | ASSY HEAT SINK P | AA62-00045D,6003-000334 | 1 | S.N.A | |
| Q802 | 0501-000283 | TR-SMALL SIGNAL | KSA539,PNP,400mW,TO-92,T | 1 | S.A | |
| Q803 | 0501-000389 | TR-SMALL SIGNAL | KSC815,NPN,400mW,TO-92,T | 1 | S.A | |
| Q804 | 0501-000369 | TR-SMALL SIGNAL | KSC2331-Y,NPN,1000mW,TO- | 1 | S.A | |
| Q805 | 0501-000389 | TR-SMALL SIGNAL | KSC815,NPN,400mW,TO-92,T | 1 | S.A | |
| Q903 | 0501-000283 | TR-SMALL SIGNAL | KSA539,PNP,400mW,TO-92,T | 1 | S.A | |
| R105 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R108 | 2001-000947 | R-CARBON | 7.5Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R109 | 2001-000786 | R-CARBON | 47Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R110 | 2001-000924 | R-CARBON | 680ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R201 | 2001-000734 | R-CARBON | 4.7Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R202 | 2001-000989 | R-CARBON | 820Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R203 | 2001-000734 | R-CARBON | 4.7Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R204 | 2001-000429 | R-CARBON | 1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R205 | 2001-000429 | R-CARBON | 1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R206 | 2001-000563 | R-CARBON | 27Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R207 | 2001-000005 | R-CARBON | 390ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R208 | 2001-000258 | R-CARBON | 1.8Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R209 | 2001-000429 | R-CARBON | 1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R210 | 2001-000786 | R-CARBON | 47Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R211 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R212 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R213 | 2001-000003 | R-CARBON | 330ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R214 | 2001-000429 | R-CARBON | 1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R215 | 2001-000331 | R-CARBON | 12Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R217 | 2001-000938 | R-CARBON | 68ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R218 | 2001-000331 | R-CARBON | 12Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R219 | 2004-001914 | R-METAL | 39Kohm,2%,1/8W,AA,TP,1.8x3.5mm | 1 | S.A | |
| R221 | 2001-000290 | R-CARBON | 10Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R223 | 2001-000429 | R-CARBON | 1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R226 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R227 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R230 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R231 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R232 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R234 | 2001-000857 | R-CARBON | 560ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R236 | 2001-000878 | R-CARBON | 6.2Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R238 | 0403-000509 | DIODE-ZENER | MTZJ5.6B,5.4-5.7V,500mW,DO-3 | 1 | S.A | |
| R241 | 2001-000924 | R-CARBON | 680ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R244 | 2001-000012 | R-CARBON | 680Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R301 | 2001-000449 | R-CARBON | 2.2Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R302 | 2004-004097 | R-METAL | 1.6Kohm,2%,1/2W,AA,TP,2.4x6.4mm | 1 | S.A | |
| R303 | 2003-002070 | R-METAL OXIDE | 1ohm,5%,2W,AF,TP,3.9x10mm | 1 | S.A | |

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| R304 | 2008-001015 | R-FUSIBLE(S) | 1.5ohm,5%,2W,AF,TP,3.9x10mm | 1 | S.A | |
| R305 | 2004-001371 | R-METAL(S) | 1.5Kohm,1%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R306 | 2001-000016 | R-CARBON(S) | 1ohm,5%,1/2W,AA,TP,2.4x6.4mm | 1 | S.A | |
| R307 | 2001-000734 | R-CARBON | 4.7Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R308 | 2003-000537 | R-METAL OXIDE(S) | 1Kohm,5%,1W,AF,TP,3.3x9 | 1 | S.A | |
| R309 | 2003-002180 | R-METAL OXIDE(S) | 390ohm,5%,2W,AG,TP,3.9x | 1 | S.A | |
| R310 | 2003-002180 | R-METAL OXIDE(S) | 390ohm,5%,2W,AG,TP,3.9x | 1 | S.A | |
| R311 | 2001-000290 | R-CARBON | 10Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R314 | 2701-000184 | INDUCTOR-AXIAL | 4.7UH,10%,2534 | 1 | S.A | |
| R315 | 2701-000184 | INDUCTOR-AXIAL | 4.7UH,10%,2534 | 1 | S.A | |
| R401 | 2001-001165 | R-CARBON(S) | 56ohm,5%,1/2W,AA,TP,2.4x6.4m | 1 | S.A | |
| R402 | 2001-001070 | R-CARBON(S) | 120ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R403 | 2004-005059 | R-METAL(S) | 2.7Kohm,1%,1/2W,AA,TP,6.4x2.4 | 1 | S.A | |
| R404 | 2001-001114 | R-CARBON(S) | 270ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R405 | 2001-000020 | R-CARBON(S) | 22ohm,5%,1/2W,AA,TP,2.4x6.4m | 1 | S.A | |
| R406 | 2001-000028 | R-CARBON(S) | 100ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R408 | 2004-001390 | R-METAL(S) | 1Kohm,2%,1/2W,AA,TP,2.4x6.4mm | 1 | S.A | |
| R409 | 2001-001168 | R-CARBON(S) | 6.8Kohm,5%,1/2W,AA,TP,2.4x6. | 1 | S.A | |
| R410 | 2001-001115 | R-CARBON(S) | 27Kohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R411 | 2001-001194 | R-CARBON(S) | 82Kohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R413 | 2008-001015 | R-FUSIBLE(S) | 1.5ohm,5%,2W,AF,TP,3.9x10mm | 1 | S.A | |
| R414 | 2008-000264 | R-FUSIBLE(S) | 1ohm,5%,1W,AF,TP,3.9x10mm | 1 | S.A | |
| R418 | 2008-001137 | R-FUSIBLE(S) | 3.3ohm,5%,1W,AF,TP,3.9x10mm | 1 | S.A | |
| R423 | 2305-000289 | C-FILM,LEAD-PEF | 220nF,5%,63V,TP,-,5mm | 1 | S.A | |
| R426 | 2003-002288 | R-METAL OXIDE(S) | 2.2Kohm,5%,2W,AF,TP,3.9 | 1 | S.A | |
| R450 | 2008-001137 | R-FUSIBLE(S) | 3.3ohm,5%,1W,AF,TP,3.9x10mm | 1 | S.A | |
| R501 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R502 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R505 | 2008-001154 | R-FUSIBLE(S) | 1.8ohm,5%,1/2W,AF,TP,6.5x2. | 1 | S.A | |
| R506 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R518 | 2001-000554 | R-CARBON | 270ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R520 | 2003-002151 | R-METAL OXIDE | 18Kohm,5%,2W,AG,TP,6x16mm | 1 | S.A | |
| R521 | 2002-001006 | R-COMPOSITION | 4.7Kohm,15%,1/2W,AA,TP,3.7 | 1 | S.A | |
| R522 | 2003-002151 | R-METAL OXIDE | 18Kohm,5%,2W,AG,TP,6x16mm | 1 | S.A | |
| R523 | 2003-002151 | R-METAL OXIDE | 18Kohm,5%,2W,AG,TP,6x16mm | 1 | S.A | |
| R524 | 2002-001006 | R-COMPOSITION | 4.7Kohm,15%,1/2W,AA,TP,3.7 | 1 | S.A | |
| R525 | 2002-001006 | R-COMPOSITION | 4.7Kohm,15%,1/2W,AA,TP,3.7 | 1 | S.A | |
| R527 | 2001-000554 | R-CARBON | 270ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R529 | 2001-001062 | R-CARBON(S) | 10Mohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R530 | 2001-000554 | R-CARBON | 270ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R601 | 2001-000009 | R-CARBON | 20Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R602 | 2001-000290 | R-CARBON | 10Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R603 | 2001-000429 | R-CARBON | 1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R604 | 2001-000591 | R-CARBON | 3.3Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R605 | 2001-000290 | R-CARBON | 10Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R606 | 2001-000429 | R-CARBON | 1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R607 | 2001-000009 | R-CARBON | 20Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R611 | 2001-001096 | R-CARBON(S) | 2.2ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R612 | 2001-001096 | R-CARBON(S) | 2.2ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R613 | 2001-001096 | R-CARBON(S) | 2.2ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R614 | 2001-001096 | R-CARBON(S) | 2.2ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R702 | 2001-000591 | R-CARBON | 3.3Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R705 | 2001-000290 | R-CARBON | 10Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R706 | 2004-001914 | R-METAL | 39Kohm,2%,1/8W,AA,TP,1.8x3.5mm | 1 | S.A | |
| R711 | 2001-000857 | R-CARBON | 560ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R712 | 2001-000857 | R-CARBON | 560ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R713 | 2001-000857 | R-CARBON | 560ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R714 | 2001-000857 | R-CARBON | 560ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R717 | 2001-000591 | R-CARBON | 3.3Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R732 | 2001-000969 | R-CARBON | 75ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R802 | 2003-000586 | R-METAL OXIDE(S) | 22Kohm,5%,2W,AF,TP,4x12 | 1 | S.A | |
| R803 | 2003-000586 | R-METAL OXIDE(S) | 22Kohm,5%,2W,AF,TP,4x12 | 1 | S.A | |
| R804 | 2003-000586 | R-METAL OXIDE(S) | 22Kohm,5%,2W,AF,TP,4x12 | 1 | S.A | |
| R805 | 2001-001170 | R-CARBON(S) | 6.8ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R808 | 2001-000109 | R-CARBON(S) | 470ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R809 | 2001-001150 | R-CARBON(S) | 470Kohm,5%,1/2W,AA,TP,2.4x6. | 1 | S.A | |
| R810 | 2008-000294 | R-FUSIBLE(S) | 33ohm,5%,2W,AF,TP,3.9x10mm | 1 | S.A | |
| R811 | 2008-000294 | R-FUSIBLE(S) | 33ohm,5%,2W,AF,TP,3.9x10mm | 1 | S.A | |

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| R811A | 2008-000294 | R-FUSIBLE(S) | 33ohm,5%,2W,AF,TP,3.9x10mm | 1 | S.A | |
| R813 | 2001-000003 | R-CARBON | 330ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R815A | 2001-001077 | R-CARBON(S) | 150ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R817 | 2004-001373 | R-METAL(S) | 100Kohm,1%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R817A | 2004-000412 | R-METAL | 18Kohm,1%,1/4W,AA,TP,2.4x6.4mm | 1 | S.A | |
| R818 | 2004-001399 | R-METAL(S) | 5.1Kohm,1%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R819 | 2001-001088 | R-CARBON(S) | 1Kohm,5%,1/2W,AA,TP,2.4x6.4m | 1 | S.A | |
| R820 | 2001-001150 | R-CARBON(S) | 470Kohm,5%,1/2W,AA,TP,2.4x6. | 1 | S.A | |
| R820A | 2001-001088 | R-CARBON(S) | 1Kohm,5%,1/2W,AA,TP,2.4x6.4m | 1 | S.A | |
| R821 | 2001-001131 | R-CARBON(S) | 33Kohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R822 | 2004-001983 | R-METAL(S) | 2.49Kohm,1%,1/2W,AA,TP,2.4x6. | 1 | S.A | |
| R823 | 2003-002020 | R-METAL OXIDE(S) | 56Kohm,5%,2W,AF,TP,3.9x | 1 | S.A | |
| R826 | 2001-001131 | R-CARBON(S) | 33Kohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R829 | 2001-001071 | R-CARBON(S) | 12Kohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R830 | 2001-001103 | R-CARBON(S) | 20Kohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R831 | 2001-001071 | R-CARBON(S) | 12Kohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R831A | 2001-001192 | R-CARBON(S) | 820ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R832 | 2001-001088 | R-CARBON(S) | 1Kohm,5%,1/2W,AA,TP,2.4x6.4m | 1 | S.A | |
| R834 | 2001-000554 | R-CARBON | 270ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R836 | 2001-001138 | R-CARBON(S) | 390ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R839 | 2001-000009 | R-CARBON | 20Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R840 | 2001-001078 | R-CARBON(S) | 15Kohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R842 | 2001-000347 | R-CARBON | 13Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R843 | 2001-000019 | R-CARBON(S) | 10ohm,5%,1/2W,AA,TP,2.4x6.4m | 1 | S.A | |
| R844 | 2001-000290 | R-CARBON | 10Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R849 | 2001-001114 | R-CARBON(S) | 270ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R850 | 2001-001170 | R-CARBON(S) | 6.8ohm,5%,1/2W,AA,TP,2.4x6.4 | 1 | S.A | |
| R855 | 2001-000857 | R-CARBON | 560ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R901 | 2001-000472 | R-CARBON | 2.7Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R903 | 2001-000734 | R-CARBON | 4.7Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R904 | 2001-000472 | R-CARBON | 2.7Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R905 | 2001-000005 | R-CARBON | 390ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R906 | 2001-000005 | R-CARBON | 390ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R907 | 2001-000890 | R-CARBON | 6.8Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R908 | 2001-000890 | R-CARBON | 6.8Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R909 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R911 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R912 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R913 | 2001-000290 | R-CARBON | 10Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R914 | 2001-000577 | R-CARBON | 2Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R916 | 2001-000449 | R-CARBON | 2.2Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R917 | 2001-000449 | R-CARBON | 2.2Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R918 | 2001-000429 | R-CARBON | 1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R919 | 2001-000734 | R-CARBON | 4.7Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R926 | 2001-000429 | R-CARBON | 1Kohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R927 | 2001-000793 | R-CARBON | 47ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R933 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| R934 | 2001-000281 | R-CARBON | 100ohm,5%,1/8W,AA,TP,1.8x3.2mm | 1 | S.A | |
| RM901 | AA32-00015A | Module Remocon | FRP-3521H31,38KHZ,940MM,M | 1 | S.A | |
| ⚠ RX801S | 2002-001010 | R-COMPOSITION | 1.8Mohm,5%,1/2W,AA,TP,3.7x | 1 | S.A | |
| ⚠ RY801S | 2002-001012 | R-COMPOSITION | 8.2Mohm,5%,1/2W,AA,TP,3.7x | 1 | S.A | |
| ⚠ SF101S | 2904-001221 | FILTER-SAW AV | 45.75MHz,SIP5K,ST,14.2dB,4 | 1 | S.A | |
| T0010 | AA27-00286B | COIL CHOKE | 1mH,10%,0.5ohm,1A,DR1420C:6.0 | 1 | S.A | |
| T0010 | AA27-00425A | COIL CHOKE | DR 10 ¡¿ 12 (C:6.0),I ROBOT2, | 1 | S.A | |
| T0010 | AA61-20284A | HOLDER | P-CORD,PP,-,-,-,BLK,VO,KE-002 | 1 | S.N.A | |
| T0061 | 3811-001609 | WIRE-PVC CU | BCWA,300V,ROLL,-,#22,BLK | 0.15 | S.N.A | |
| T0066 | AA62-00161A | HEAT SINK-ES | IROBOT2,A6063,T2.0,50*40,WH | 1 | S.N.A | |
| ⚠ T0066 | AA96-20109B | ASSY POWER CORD | -,CP2/NO(4.0),H/C250,KKP | 1 | S.A | |
| T0077 | AA41-01298A | PCB MAIN | CS21K40,FR-1,1,A,1.6,245*245*1. | 1 | S.N.A | |
| T0085 | 1201-002507 | IC-AUDIO AMP | LA42032,SIP,13P,25.6x13.9mm | 1 | S.A | |
| T0086 | 1203-002916 | IC-PWM CONTROLLER | KA5Q0765RTH-YDTU,TO-22 | 1 | S.A | |
| T0088 | 1204-002784 | IC-VERTICAL PROCESSO | LA78141-E,TO220,7P, | 1 | S.A | |
| T0098 | AA62-00166A | HEAT SINK | CS21Z45MJAXXSE,ALUMINIUM,1.0,6 | 1 | S.N.A | |
| T0119 | AA09-00558A | IC MICOM | TDA12165PS/N3/3,64Pin,3.3/5/8V, | 1 | S.A | |
| T0175 | AA62-00056A | HEAT SINK-PS | -,-,T1.0,-,41*35*70,D2,-,-, | 1 | S.N.A | |
| T0175 | AA62-00162A | HEAT SINK-PS | IROBOT2,A1050,T1.0,23*40,WH | 1 | S.N.A | |
| T0175 | AA62-00164A | HEAT SINK-PS | IROBOT2,A1050,T1.0,41*50,WH | 1 | S.N.A | |
| T0175 | AA62-00045D | HEAT SINK-PS | EVOLUTION,AL,T1.0,20*20*35, | 1 | S.N.A | |

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| T0245 | 0202-001608 | SOLDER-WIRE FLUX | LFC7-107,D0.8,99.3Sn/0. | 0.025 | S.N.A | |
| T0245 | AA39-20620B | LEAD CONNECTOR-ASSY | ,9P,400MM,YBNH250-09 | 1 | S.A | |
| T0268 | AA39-10006X | CBF-POWER CORD | -,-,KKP419C,3P,-,-,BLK,-, | 1 | S.A | |
| T0296 | AA27-00402B | COIL LINEARITY | HL-1520,41uH¡¾2uH,4,DR 15 | 1 | S.A | |
| T0313 | 3404-001004 | SWITCH-TACT | 12V,50mA,160gf,8.4x22.7mm,SP | 1 | S.A | |
| T0313 | 3404-001252 | SWITCH-TACT | 12VDC,50MA,130GF,7.5X7.1,1 | 1 | S.A | |
| T0313 | 3404-001252 | SWITCH-TACT | 12VDC,50MA,130GF,7.5X7.1,1 | 1 | S.A | |
| T0313 | 3404-001252 | SWITCH-TACT | 12VDC,50MA,130GF,7.5X7.1,1 | 1 | S.A | |
| T0313 | 3404-001252 | SWITCH-TACT | 12VDC,50MA,130GF,7.5X7.1,1 | 1 | S.A | |
| T0313 | 3404-001252 | SWITCH-TACT | 12VDC,50MA,130GF,7.5X7.1,1 | 1 | S.A | |
| T0527 | AA65-30018A | CLAMPER CORE-WIRE | DONG-A,NYLON-66,-,-,-, | 1 | S.N.A | |
| T0527 | AA65-30111A | CLAMPER CORE-WIRE | ALL MODEL,NYLON,V0,WHT | 1 | S.N.A | |
| T0900 | 1404-001045 | THERMISTOR-NTC | 4.7ohm,4.565A,2900K,-,-,- | 1 | S.A | |
| T401 | AA26-50001M | TRANS-H.DRIVE | -,-,-,80mH,-,-,520uH,-,-,- | 1 | S.A | |
| T444 | AA26-00304A | TRANS FBT | BSC25-5207,21 UXD,3.65mH,UYF1 | 1 | S.A | |
| ⚠ T803S | AA26-00292A | TRANS SWITCHING | CT-21Z50,AC90~264V,PM7,1 | 1 | S.N.A | |
| ⚠ V999S | 3704-001197 | SOCKET-CRT | 8P+SEN,29PI,22.5PI,NI+SN,- | 1 | S.A | |
| ⚠ VX801S | 1405-000187 | VARISTOR | 615Vdc,1250A,12.5x7mm,TP | 1 | S.A | |
| X901 | 2801-003316 | CRYSTAL-UNIT | 24.576MHz,30ppm,28-AAM,20pF | 1 | S.A | |
| | 0502-001073 | TR-POWER | TT2222LS,NPN,35000mW,TO-220F,ST | 1 | S.A | |
| | 0502-001007 | TR-POWER | KSC2073-H2,NPN,25W,TO-220,ST,6 | 1 | S.A | |

## ASSY COVER FRONT

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| M0001 | AA90-05761W | ASSY COVER FRONT | CL21Z43MJUXXAO | 1 | S.N.A | |
| T0238 | AA60-10050V | BOLT-HEX | -,SWRCH18A,M6,L30,HH,+,WC,-,Z | 4 | S.N.A | |
| T0607 | AA61-40113A | STOPPER-PCB | 501H,HIPS,-,-,HB,NTR,- | 1 | S.N.A | |
| T0003 | AA96-04962A | ASSY COVER P-FRONT | 21Z43, LATION-AME,,HI | 1 | S.A | |
| M0081 | 6003-001019 | SCREW-TAPTITE | RH,+,-,B,M4,L12,ZPC(BLK),S | 1 | S.A | |
| M0081 | 6003-001019 | SCREW-TAPTITE | RH,+,-,B,M4,L12,ZPC(BLK),S | 1 | S.A | |
| M0081 | AA60-10002A | SCREW-TAPTITE | RH,+,-,-,M4,L12,ZPC(WHT),S | 4 | S.N.A | |
| CIS7 | AA61-60003J | SPRING ETC-CS | -,SUS304,-,-,OD6,N7,OD6,-, | 1 | S.N.A | |
| M0112 | AA63-01559C | COVER-FRONT | 21Z43,HIPS,HB,GE503,BKN1576+ | 1 | S.N.A | |
| T0022 | AA64-04327A | KNOB CONTROL | 29Z40,SEH,ABS,-,-,-,HB,GR51 | 1 | S.N.A | |
| T0023 | AA64-04334A | KNOB POWER | 21Z40,ABS,HB,GR515,SVM3012 | 1 | S.N.A | |
| T0238 | AA64-04340A | WINDOW REMOCON-LED | Z40(SEH,TSE),PC,CLEAR | 1 | S.N.A | |
| T0057 | AA64-70123A | BADGE-BRAND | NEW,AL,L50,FLAT,SILVER,SAMSU | 1 | S.N.A | |
| T0175 | AA96-04766A | ASSY SPEAKER P | 8ohm,10W,R/B700mm,Y/B500m | 1 | S.A | |
| T0382 | BP61-00495C | HOLDER-CARE | PJT,ACRYL-FOAM,T0.25,W30.0mm | 0.2 | S.N.A | |

## ASSY COVER REAR

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| M0002 | AA90-05907J | ASSY COVER REAR | 21Z43,HIPS,HB,BK500,KSBE | 1 | S.N.A | |
| M0081 | 6003-001026 | SCREW-TAPTITE | RH,+,B,M4,L15,ZPC(BLK),SWR | 5 | S.A | |
| M0081 | 6003-001026 | SCREW-TAPTITE | RH,+,B,M4,L15,ZPC(BLK),SWR | 1 | S.A | |
| T0522 | AA65-30008A | CLAMPER CORE-CORD | -,PE,HB,-,BLK,- | 1 | S.N.A | |
| M0013 | AA96-05350A | ASSY COVER P-REAR | 21Z43,HIPS,HB,BK500,K1 | 1 | S.A | |
| T0069 | AA60-00091R | SPACER-FELT | ,FELT,250X10,,,BLK,T0.5,, | 3 | S.N.A | |
| M0006 | AA63-01565B | COVER-REAR | 21Z43,HIPS,HB,BK500,K16B | 1 | S.A | |
| T0066 | AA64-03974N | INLAY-BACK | 21K40,S17C,PC,SHEET,0.3,BLK,R | 1 | S.N.A | |
| T0578 | AA64-04315A | INLAY AV | 21Z30,PS,T0.3mm,14.0mm,19.3mm | 1 | S.N.A | |
| T0578 | AA64-04315B | INLAY AV | CS21K40MJRXXST,PS,SHEET,T0.3,21 | 1 | S.N.A | |

## ASSY P/MATERIAL

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| M0113 | AA92-11937B | ASSY P/MATERIAL | 21Z43 | 1 | S.N.A | |
| T0214 | AA60-40006A | PIN-STAPLE | AUTO,33X17.8X2.4,H18,33X17.8X | 6 | S.N.A | |
| T0524 | 6902-000417 | BAG PE | HDPE/NITRON/HDPE,T0.015/T0. | 1 | S.N.A | |

## ASSY ACCESSORY

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| M0045 | AA92-12510C | ASSY ACCESSORY | CL21Z43MLAXXAO | 1 | S.N.A | |

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| T0251 | 3721-000136 | PLUG-CONVERSION | 2P,4.0mm,N,NI | 1 | S.A | |
| M0045 | AA96-05227C | ASSY ACCESSORY | CL21Z43MLAXXAO | 1 | S.N.A | |
| T0524 | AA69-01195A | BAG PE | CL29A6W8X,HDPET0.012,93/4X151/2 | 1 | S.N.A | |
| T0074 | AA59-00385C | REMOCON | TOMORROW,TM85,S3C1860XP0-SKT1,30 | 1 | S.A | |
| | AA68-03242L | MANUAL FLYER-02,SAFETY GUIDE | comm,Samsun | 1 | S.N.A | |
| | AA68-03777A | MANUAL USERS-CARD,07 | comm,Samsung,Englis | 1 | S.N.A | |
| M0284 | AA68-03905V | MANUAL USERS-02 | COMM,SAMSUNG,Spa,LATIN A | 1 | S.N.A | |

## ASSY BOX

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| M0003 | AA92-12328M | ASSY BOX | CL21Z43MLAXXAO | 1 | S.N.A | |
| | AA69-04174K | BOX-SET | 21Z43-VE,CB,A1,DW,W645,D395,H505 | 1.01 | S.N.A | |

## ASSY LABEL

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| M0019 | AA92-12588A | ASSY LABEL | 21Z43,XAO | 1 | S.N.A | |

## ASSY CPT

| Loc. No. | Code No. | Description | Specification | Q'ty | SA/SNA | Remark |
|---|---|---|---|---|---|---|
| T0521 | AA91-10967M | ASSY CPT | A51QGV991X301,380MG,21UX,K16D | 1 | S.N.A | |
| ⚠ T0063 | AA03-00551A | CRT COLOR | A51QGV 991X301,0mG,0.915,14.0, | 1 | S.A | |
| T0089 | AA27-00404A | COIL DEGAUSSING | ALUMINIUM,Narnia,7.5mH,6 | 1 | S.A | |
| T0527 | AA65-30107A | CLAMPER CORE-D,COIL | 20~22 INCH,NYLON 66, | 4 | S.N.A | |
| T0603 | AA96-03893D | ASSY TBC WIRE P | 4*0.12TA*16,21,PAL&NTSC | 1 | S.N.A | |